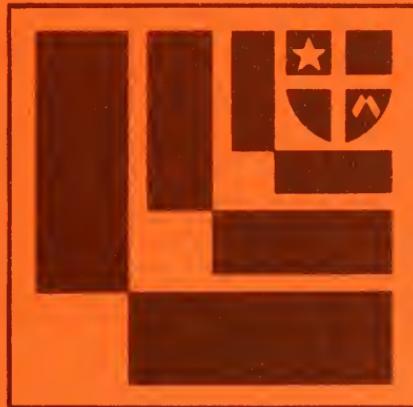


LaSalle College

Philadelphia, Pa.

A Successful Tradition



Evening Division
1983-85

RIGHTS AND PRIVACY ACT PROVISIONS

Each year, La Salle College informs students of the Family Educational Rights and Privacy Act of 1974. This Act was intended to protect the privacy of educational records, to establish the right of students to inspect and review their educational records, and to provide guidelines for the correction of inaccurate or misleading data through informal or formal hearings.

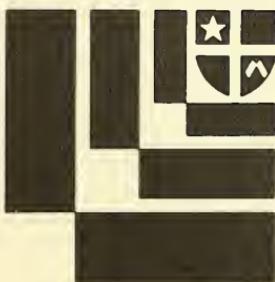
To fulfill basic requirements for compliance with the Act, each institution must inform each student of his/her right to prevent disclosure of personally identifiable information. Although La Salle does *not* publish a public directory, the Office of the Registrar, at its discretion, does disclose the following information: Name, address, dates of attendance, class, major field of study, and degree(s) conferred (including dates).

Under the provisions of the Rights and Privacy Act, currently enrolled students may withhold disclosure of such information. To prevent disclosure, written notification must be received by the Office of the Registrar by October 1st in the Fall Semester and February 15th in the Spring Semester.

The College will honor each request to withhold any of the categories of information listed above but cannot assume responsibility to contact a student for subsequent permission to release them. Decisions about withholding any information should be made very carefully. Should a student decide to inform the institution not to release any information, any future requests for such information from non-institutional persons or organizations will be refused.

La Salle College assumes that failure to request the withholding of "directory information" indicates approval for disclosure.

LA SALLE COLLEGE



BULLETIN EVENING DIVISION

ANNOUNCEMENT
1983-1985

CURRICULA IN
LIBERAL ARTS
SCIENCE AND
BUSINESS
ADMINISTRATION

*A Catholic College Conducted by
The Brothers of the Christian Schools*

Contents

| | |
|---|-----------|
| Calendar | i |
| General Information | 1 |
| Evening Program of the College | 3 |
| Expenses | 9 |
| Policies and Procedures | 14 |
| The Curriculum..... | 21 |
| Description of Courses | 32 |
| Administration..... | 79 |
| Student Affairs | 80 |
| Index | 85 |
| Map | 88 |

The following offices may be reached directly by dialing 951 and the four digit extension.

| | |
|---|------|
| Admissions Office-Evening Div. & | |
| Summer Sessions, Dr. Brogan | 1234 |
| Art Gallery | 1221 |
| Athletic & Recreation Dept. | 1515 |
| Bursar's Office (for Tuition, etc.) | 1055 |
| Campus Ministry | 1048 |
| Campus Store-Main Store | 1395 |
| Campus Store-Textbook Sales | 1397 |
| Career Planning & Placement Office | 1075 |
| Computer Center | 1045 |
| Continuing Education for Women | 1234 |
| Dean, Evening, Weekend & Summer | |
| Brother Claude Demitras | 1240 |
| Director, Off-Campus Programs, | |
| Mr. John King | 1074 |
| Financial Aid Office (Student) | 1070 |
| Library-Main | 1292 |
| Library-Annex | 1295 |
| Lost & Found | 1375 |
| Registrar (for transcripts, grades, etc.) | 1020 |
| Security | 1111 |
| Union Director's Office | 1375 |
| Urban Study Center | 1577 |

Branch Campuses:

| | |
|---|----------|
| La Salle/Bucks (Monday through Thursday 5:30 to 9:00 p.m.) | 672-7293 |
| La Salle/Franklintown (Monday through Thursday 5:30 to 9:00 p.m.) | 665-0594 |
| La Salle/Northeast (Monday through Thursday 6:00 to 10:00 p.m.) | 632-3449 |

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Academic Calendar 1983-1985

Fall Semester 1983

| | |
|------------------------|----------------------------------|
| August 29 through 31 | In-person registration |
| September 7 | Classes begin |
| November 23 through 27 | Thanksgiving recess |
| December 14 through 20 | Fall Semester final examinations |

Spring Semester 1984

| | |
|---------------------------|------------------------------------|
| January 9 through 11 | In-person registration |
| January 16 | Classes begin |
| March 5 through 9 | Mid-semester holiday |
| April 19 through 23 | Easter recess |
| April 28 through May 3 | Spring Semester final examinations |

Fall Semester 1984 (dates tentative)

| | |
|------------------------|----------------------------------|
| August 27 through 29 | In-person registration |
| September 5 | Classes begin |
| November 21 through 26 | Thanksgiving recess |
| December 15 through 20 | Fall Semester final examinations |

Spring Semester 1985 (dates tentative)

| | |
|---------------------------|------------------------------------|
| January 7 through 9 | In-person registration |
| January 14 | Classes begin |
| March 4 through 8 | Mid-semester holiday |
| April 4 through 8 | Easter recess |
| April 27 through May 3 | Spring Semester final examinations |



*Brother Patrick Ellis, F.S.C., Ph.D.
President
Elected, December 18, 1976
Inaugurated, March 20, 1977*

The College

La Salle's history had its modest beginning in the year 1863. It was in that year that the state granted the College a charter and the Christian Brothers brought the new institution into being. Its nucleus was the Academy conducted by the Brothers as an annex to St. Michael's Parochial School. In the years which followed, the College outgrew locations—the parish site, a site at Broad and Juniper Streets, and the old Bouvier mansion at Broad and Stiles Streets. The College purchased part of Wister Farms in 1929 and began operating at its present site the following year, only to be faced with the dark years of the Great Depression. The war years which followed were even worse in their depletion of the student population of all-male colleges. With the end of World War II, however, La Salle faced a completely different kind of problem. The influx of veterans taking advantage of the G.I. Bill strained facilities to the utmost, but the College met this challenge successfully and began a carefully-planned development program to make ready for the expanding enrollments of the future.

The Evening Division was inaugurated in 1946 in response to the needs of industry throughout the Delaware Valley; within 10 years evening classes were utilizing every available inch of classroom space.

In 1952, a new library was erected; and the following year the first of five new dormitories was opened to resident students. By 1955 the rapid growth of the College made it necessary to reorganize the administrative pattern into separate schools of Arts and Sciences, Business Administration, and the Evening Division.

Further steps in the physical development of La Salle were the College Union, opened in 1959; The Roland Holroyd Science Center, 1960; two new residence halls, 1962; Olney Gardens, a local apartment complex, purchased and converted to a residence hall in 1964; a new student chapel in 1965; and two new student residence halls opened in September, 1966. Olney Hall, a new classroom building, opened in September, 1971. A new physical recreation center, Hayman Hall, opened during the fall of 1972.

Since February, 1967, women students have been accepted into the previously all male Evening Division.

PHILOSOPHY AND OBJECTIVES

La Salle College offers students an education founded on the idea that man's intellectual and spiritual development go hand in hand, complementing and fulfilling one another. The basic purpose of the College is a free search for truth and the development of materials and skills necessary for the search; its religious concern is an extension of that purpose. In a company of mature teachers and scholars, the College urges the student to confront the ultimate questions of human experience; who he is; where his destiny lies; how he is to reach it.

La Salle is committed to a liberal education of both general and specialized studies. It wants its students to liberate themselves from narrow interests and prejudices and to learn to observe reality with precision, judge events and opinions critically, think logically, communicate effectively, and sharpen esthetic perception. The curriculum involves a body of knowledge about the universe; about man—his nature, behavior and values; about God. It also pro-

vides an opportunity to gain specialized knowledge in one field of learning as a preparation for graduate study or entry into professional life. Beyond this breadth and depth of knowledge, the College encourages its students to seek wisdom, that is, to grasp those basic principles which can give order to particular facts.

La Salle is committed primarily to undergraduate education. The College also offers Master's programs in selected areas of specialization. For the most part, these programs focus on professional goals through advanced study and through application of theoretic knowledge in the fields represented.

As a private Catholic college, La Salle pursues these aims in a religiously diverse community of teachers and students interested in studying secular subjects in their autonomy, undertaking religious studies in a systematic way, and investigating what interrelations these subjects may have. The community also engages in programs in which the student's personal, social and religious values may take root and in which the students may grow in mature attitudes and behavior in all human relationships. The ultimate hope of the College is that its graduates will be ready for informed service and progressive leadership in their communities and will be able to fulfill the immediate and final goals of their lives.

ACCREDITATION AND MEMBERSHIP

La Salle College was chartered in 1863 by the Legislature of the Commonwealth of Pennsylvania and is empowered by that authority to grant academic degrees. It is accredited with the Middle States Association of Colleges and Secondary Schools, the Pennsylvania Department of Education, the Regents of the University of the State of New York, the American Chemical Society, and the Pennsylvania State Board of Law Examiners.

The College is a member of the American Chemical Society, the American Council on Education, the Association of American Colleges, the College Entrance Examination Board, the American Association of Collegiate Registrars and Admissions Officers, the Association of College Admissions Counselors, the National Catholic Education Association, the College and University Council of Pennsylvania, the Association of Liberal Arts Colleges of Pennsylvania for the Advancement of Teaching, the Pennsylvania Catholic Education Association, the American Library Association, the National Commission on Accrediting, the American Catholic Historical Society, the Educational Conference of the Brothers of the Christian Schools, the National Association for Foreign Student Affairs, the Association of University Evening Colleges, and the North American Association of Summer Sessions.

Evening Program of the College

THE SPECIAL PURPOSE OF THE EVENING DIVISION

The particular purpose of the Evening Division of La Salle College is to afford the opportunity for an education to those who are unable to attend college during the day, but who recognize the value of an organized program of studies as a means of increasing their knowledge, broadening their perspective, and developing their abilities for successful living.

The program of the Evening Division has been planned to meet the needs of a student body which, for the greater part, is mature in experience and motivation. Although the objectives of the Evening College are not distinctively different from those of the Day College, they have been modified in some detail to provide for the adult character of the student body. Thus, the Evening Division endeavors to meet the educational needs of those who, necessarily, have varied backgrounds, who are mature in motivation and in determination to attain an academic degree.

The La Salle College Evening Division, therefore, aims to equip its students to achieve greater vocational competence by solidifying their educational experience on the buttresses of accredited college courses oriented toward the Bachelor's degree.

Because all courses are college credit offerings, the curriculum is centered on the concept of college education for adults. Through the college curriculum, the Evening Division aims to prepare its students for positions of greater responsibility and to help meet the needs of employers for personnel with a college background. The program seeks also to foster independent thinking which will result in individual growth toward better comprehension of personal and social problems, for improved adjustment to the stresses of competitive living, and for more effective contributions to a community in which there is extensive industrial and commercial activity.



Brother G. Claude Demitras, F.S.C., Ph.D., Dean

Admission

Applicants who, in the opinion of the Committee on Admissions, are qualified to profit by the educational program of the College are admitted to the Evening Division. In determining the admission of an applicant consideration shall be given to past scholastic record, present scholastic aptitude, experience and character recommendations.

All applicants, except those who already hold a Bachelor's degree from an accredited college or university, are required to take a series of entrance examinations. The results of these examinations provide the Committee on Admissions with basic information for evaluating verbal and mathematical aptitudes, reading skills, and the extent of achievement in English and Mathematics. The schedule of dates for the administration of entrance examinations will be given to each applicant upon the receipt of his application.

Attendance at La Salle College is a privilege and not a right. The College, therefore, reserves the right to refuse admission to any applicant or to require the withdrawal of any student when it deems his presence among the student body inimical to the ideals of the College or to the observance of its regulations.

La Salle College does not discriminate against any applicant for admission to the College because of race, color, creed, national origin, or physical handicap. Admission to La Salle College is based solely upon an applicant's qualifications and ability to meet the educational and other established admission requirements.

PERIOD OF ADMISSION

Applicants will be accepted each year for the summer, fall and spring semesters beginning in May, September and January. A prospective student should file an application form and a transcript of his high school record and any previous college record in the Admissions Office. The application form may be obtained from the Admissions Office, Evening Division and Summer Sessions, La Salle College, Philadelphia, Pennsylvania 19141.

CLASSIFICATION OF APPLICANTS

Students are admitted to the Evening Division according to their qualifications, under the following classifications:

1. Candidates for the degree of Bachelor of Arts.
2. Candidates for the degree of Bachelor of Science in Applied Mathematics, Business Administration, Electronic Physics, or Nursing.
3. Candidates for the Associate in Arts (in Computer Programming, Criminal Justice, Liberal Arts, or Social Science) or Associate in Science in Business Administration.
4. Candidates may be admitted as special or non-matriculated students to take isolated courses without reference to degree requirements. These applicants must conform to the general admission requirements and satisfy the Committee on Admissions that their qualifications, experience, and aptitude are adequate to follow the selected courses successfully.

ADMISSION REQUIREMENTS

Bachelor of Arts and Bachelor of Science Degrees

To qualify for admission as a candidate for the degree of Bachelor of Arts or Bachelor of Science, the applicant must satisfy the general requirements for admission, and his scholastic record must show the completion of sixteen units of study either in an accredited high school or by certification by a State Department of Education.

Of these sixteen units, at least ten should be distributed as follows:

| | |
|-----------------------------------|---------|
| English | 4 units |
| History | 1 unit |
| Mathematics | 2 units |
| Modern Language (see below) | 2 units |
| Natural Science | 1 unit |

The remaining six units may be distributed as follows:

- (1) Applicants for the Liberal Arts Program may present six additional units in academic subjects.
- (2) Applicants for curricula in Business Administration may present six additional units in academic or commercial subjects. Typing is not acceptable.
- (3) Applicants for curricula in Science may present six additional units in academic subjects. The units in Mathematics must include two in Algebra and one-half in Trigonometry.

Exceptions may be made to the secondary school requirements in those cases in which the applicant is otherwise well qualified, or in which a State Department of Education Equivalent High School Diploma has been obtained.

Associate Degree

The Associate Degree programs are intended for students who wish to spend only a few years in the Evening Division and who desire a course of study that will assist them in their particular field of interest or in their employment. The course requirements for the programs are listed with the department's offerings and course descriptions.

Associate degree students may transfer to the status of full degree candidacy without loss of previously earned credit if they have met all the requirements for degree candidacy at the time of admission. However, the College reserves the right to accept or reject for degree credit any course taken before the entrance requirements for the degree have been satisfied.

ADMISSION PROCEDURE

To be admitted to the Evening Division of La Salle College, the applicant who is entering college for the first time must comply with the following procedure:

1. Secure an Application for Admission form, complete it and return it together with the application fee of \$20.00 to the Admissions Office, Evening Division and Summer Sessions, La Salle College, Philadelphia, Pennsylvania 19141.
2. Request the high school from which you graduated to send a transcript of your record to the Admissions Office, Evening Division and Summer Sessions. A photocopy of a State Equivalency Diploma may be submitted in lieu of a high school record.
3. Upon the receipt of the application form, you will be notified of the dates and the nature of the entrance testing program, and of any further conditions which must be satisfied before you will be granted admission to the College.
4. The applicant will be notified finally of the decision on his admission.
5. A successful applicant will be notified of the dates of registration.

An honorably discharged veteran who has not attended any academically accredited institution since discharge from the armed forces may be admitted to the Evening Division under a special policy. Under the Veterans Open Admissions Policy the applicant must comply with the following procedure.

1. Secure an Application for Admission form, complete it and return it together with the application fee of \$20.00 to the Admissions Office, Evening Division and Summer Sessions, La Salle College, Philadelphia, Pennsylvania 19141. A photocopy of your DD-214 Form must be submitted with the Application for Admission.
2. Request the high school from which you graduated to send a transcript of your record to the Admissions Office, Evening Division and Summer Sessions. A photocopy of a State Equivalency Diploma may be submitted in lieu of a high school record.
3. Request a transcript from any college or university attended prior to your entering military service and have it sent to the Admissions Office.
4. Telephone the Admissions Office and arrange for a personal interview with the Director of Admissions for the Evening Division.
5. The applicant will be notified finally of the decision on his admission.
6. A successful applicant will be notified of the dates of registration.

ADMISSION WITH ADVANCED STANDING

An applicant who has attended another college or university may be admitted with advanced standing credit according to the following conditions:

1. The institution awarding the original credits must be a degree granting institution accredited by one of the Regional Accrediting Associations.
2. A course must be approved for transfer. This approval is granted by the Evening Division Admissions Office, in consultation where necessary with the various department chairpersons.
3. The student must have attained a grade of "C" or higher in the course.
4. La Salle College reserves the right to refuse admission with advanced standing for whatever reason it may deem proper.
5. A maximum number of 70 credits normally may be transferred to La Salle College's Evening Division from another college. A request for more than 70 credits in transfer must be handled by the Dean of the Evening Division, who will decide whether the circumstances in a particular case warrant granting the request.
6. A student must complete at least half his major courses at La Salle. Major courses are those listed in the La Salle Evening Division catalog at the beginning of each department's course descriptions.
7. Applicants for Advanced Standing should have all credentials filed in the Admissions Office at least two weeks before the beginning of the registration period.
8. Advanced Standing is granted for specific semester credit hours, but not for grades received from another institution. Thus, a specific number of semester credit hours may be accepted from another institution, but the academic index is determined only by grades achieved at La Salle College.

PROCEDURE FOR ADMISSION WITH ADVANCED STANDING

Applicants who have attended another college or university must comply with the following admission procedure:

1. Secure an Application for Admission form, complete it and return it together with the application fee of \$20.00 to the Admissions Office, Evening Division and Summer Sessions, La Salle College, Philadelphia, Pennsylvania 19141.
2. Request the high school and the college or university which you have attended to send transcripts of your records to the Admissions Office, Evening Division and Summer Sessions.
3. Upon the receipt of the application form, you will be notified of the dates and the nature of examinations which you may have to take, or of any further conditions which you must satisfy before admission.
4. The applicant will be notified of the action of the Committee on Admission.
5. A successful applicant will be notified of the extent of advanced standing credit which will be granted and of the dates of registration.

OFF-CAMPUS PROGRAMS

Since September, 1977 the La Salle College Evening Division has offered its part-time programs to Delaware Valley residents at centers away from the Main Campus. Prompted by increased costs of gasoline and transportation and ever conscious of the demands made on the personal time of the adult student, the College has responded to the needs of hundreds of working adults by providing fully accredited college level courses at locations nearer to their places of employment or nearer to their homes.

The Off-Campus centers provide the opportunity to get started toward the goal of an Associate Degree or Bachelor's Degree. Of course no one can complete the degree requirements at an off-campus center, but it is possible to complete most of the Basic Business Core courses, the General Education courses, the Distribution Requirement courses and elective courses at any of La Salle's three Off-Campus Centers. (Computer Science courses and laboratory science courses are not rostered at any off-campus center.)

La Salle/Bucks County uses the Archbishop Wood Boys High School. This is one of twin high schools located just north of Rt. 132 (Street Road) on Rt. 263 (York Road) in Warminster, Bucks County. At this center classes are offered on Monday, Wednesday and Thursday evenings.

La Salle/Franklinton (Center City) is located in the Friends Select School at 17th and the Parkway, Philadelphia, Pennsylvania. This excellent facility is adjacent to the Pennwalt Building. The school entrance is on the northeast corner of Seventeenth Street at the Benjamin Franklin Parkway. Classes meet on Monday, Tuesday, Wednesday and Thursday evenings at this center.

La Salle/Northeast holds classes in the Archbishop Ryan Boys High School on Academy Road approximately one half mile north of Grant Avenue in a lovely residential section of Northeast Philadelphia. This center is easily reached from the Roosevelt Boulevard (U.S. 1) and the Woodhaven exit of Rt. I-95. La Salle/Northeast classes meet on Monday, Tuesday, and Thursday evenings. At each center, most classes meet just once each week during each fifteen week semester. Since the class times differ at each center it is important that you consult the detailed Course Roster which will be sent to you should you request it. (Telephone 951-1234).

Essential student services (registration, textbook sales, ID photos, academic counseling, etc.) are provided at the Off-Campus Centers.

For the past several semesters more than 1200 men and women have been enrolled in graduate and undergraduate programs at La Salle's three Off-Campus Centers.

CONTINUING EDUCATION FOR WOMEN

CEW at La Salle is designed to ease the transition for adult women who wish to begin or resume their college education. Women may enter this program in the Day or Evening Division, whether they are interested in taking single courses or pursuing a degree. Any woman 24 years or older who has a high school diploma or equivalent is eligible to apply. Academic advising, an orientation day, study skills workshops, individual counseling, and referral to campus day care facilities are among the services offered CEW students. For further information or to apply for admission through this program, call or visit the CEW office, located in College Hall (951-1236).

Expenses

La Salle College reserves the right to amend or add to the charges listed below at any time and to make such changes applicable to students presently enrolled as well as to new students.

APPLICATION FEE

An application fee of \$20.00 is charged and due at the time of filing the application for admission. This fee covers the cost of administering the entrance examinations or the evaluation of advanced standing credit. No refund will be made on this fee regardless of the decision on admission.

TUITION

The tuition charge is based upon the number of semester credit hours taken in any semester. The charge is \$99.00 per semester credit hour. Payment in full of the semester invoice is due and payable at the time of registration. Payment in full is also a prerequisite to the completion of registration and inclusion on the official class list.

INCIDENTAL FEES

Administrative Fee for Challenged Credits

All courses successfully challenged through ACT/PEP, CLEP, and/or End-of-Course Examination carry a \$36.00 per course administrative fee. The student will receive a Notice of Administrative Fee Assessment form when notified of the credit successfully challenged. The fee should be remitted to the Bursar within 60 days after the notification is received. This fee will be in effect beginning July 1, 1981.

Communications Course Fees

Those Communications courses that involve equipment use and/or film rental carry a \$35.00 per course fee.

Computer Science Fee

A laboratory fee of \$35.00 is charged for each course in Computer Science.

Science Laboratory Fee

A science laboratory fee of \$35.00 is charged for each course in biology, chemistry, and physics involving laboratory instruction. This fee is used to defray the cost of laboratory supplies such as chemicals, glassware, and other laboratory equipment.

Transcript Fee

Students may apply at the Registrar's Office for a transcript of their collegiate work. A fee of \$1.00 is charged for an official transcript. When several copies are requested at the same time, the fee is \$.50 for each additional copy. No transcripts can be issued until all financial obligations to the College have been satisfactorily settled.

Associate Degree Fee

A fee of \$20.00 is payable by each candidate for an Associate degree.

Graduation Fee

A graduation fee of \$40.00 is payable before graduation by each candidate for a degree. This fee is to cover the cost of the diploma, the use of cap and gown, the Senior yearbook, *The Explorer*, and all other expenses incidental to commencement exercises.

PENALTY FEES

Late Registration

Students are required to complete their course registration within the period set forth in the Academic Calendar. Late registration entails a \$10.00 late fee.

Late Examinations

Students who are absent for examinations during a semester and who then have the examination(s) administered through the Dean's Office will be required to pay a \$3.00 late examination fee.

Reinstatement Fee

Any student who was not included on the official class rolls (who has not properly completed the registration process) and who is subsequently added to the rolls shall be assessed a Reinstatement Fee of \$50.00 which, along with all other educational expenses due, must be paid prior to such reinstatement.

Special Final Examinations

Students are expected to take their final examinations during the regular examination period. If permission is granted for a special final examination, the payment of the fee of \$5.00 for each examination is required.

FINANCIAL ARRANGEMENTS

Payment of tuition is part of the registration procedure. Approval for admission into class will not be granted until all financial matters have been settled.

If you have pre-registered, you may complete your registration either by mail or in person on campus. If there are no irregularities in your pre-registration and changes are not desired, it will be more convenient to you and the College if you complete your registration by mail.

A validated MATRICULATION CARD is official evidence on the class lists of the courses for which you have registered. Without this validated MATRICULATION CARD you will not be so listed. In order to obtain this card, you are required to pay your semester tuition and other fees.

An INVOICE covering your semester charges will be mailed to you (if you have pre-registered by the due date noted on the pre-registration form) approximately one month prior to the beginning of the semester. Payment will be due on or before the DUE DATE indicated on the invoice, which will be within fifteen (15) days following the date of the invoice.

PAYMENT BY MAIL IS PREFERRED; however, if there are irregularities in your pre-registration, or if you desire to make a change, or IF YOU HAVE NOT PAID YOUR TUITION AND FEES by the due date shown on the invoice, you will be required to pay in person.

DO NOT SEND CASH THROUGH THE MAIL. The College will not be responsible for cash sent through the mail. Pay by check, bank draft, cashier's check, money order, or credit card. La Salle College will accept VISA or Mas-

terCard credit cards. (These may also be used in the Campus store and Textbook store.) Payment by mail should be made in the envelope provided and mailed so as to reach the College by the due date indicated on the invoice. Payment in person, on campus, will be made at the Bursar's Office or at another designated area during the in-person registration period. When making payment in person be sure to present your entire invoice form. Failure to present your entire invoice form will cause inconvenience and delay.

If for any reason you have not met the above conditions, or if you have not received your validated matriculation card prior to the first day of in-person registration, you will be required to register on one of the established dates of in-person registration.

DO NOT MAIL PARTIAL PAYMENTS. Only the full payment of the invoice amount will be accepted for completion of registration by mail. Other arrangements must be made on campus.

The College does not carry open student accounts. Full payment of all expenses is a prerequisite to the completion of registration.

Where the student has been granted a financial aid award and where the student has complied with the instructions of the Financial Aid Office with respect to the completion and return of required documents, the student's invoice will be credited with this award. Generally, the credit will be for one-half of the annual amount of the award. The amounts will be outlined in the award letter furnished the student by the Financial Aid Office. All questions regarding Financial Aid are to be directed to the Student Financial Aid Office (951-1070).

Veterans attending under the benefits of the "Veterans Readjustment Benefits Act of 1966" should contact the Office of the Registrar, 107 College Hall. This office will certify the Veteran's enrollment and attendance for each term to the Veteran's Administration. If the Veteran should withdraw and return to the College at a later term, the Veteran must notify the Office of the Registrar, in writing, of his request to again be certified to the Veteran's Administration. Veterans are required to satisfy their financial obligations to the College in the same manner as all other students.

PELL Grants (formerly BEOG)

The Pell Program is a federally administered program available to needy students taking at least six credits per term. Eligible students may receive from \$200 to \$1800 per academic year, depending upon enrollment status. Applications are available from the Financial Aid Office (951-1070).

Pennsylvania Higher Education Assistance Agency (PHEAA) Grants

PHEAA grants are administered by the Commonwealth and range between \$100 and \$1500 per academic year. Eligible students must demonstrate financial need, be enrolled on a full-time basis (12 credits per term), maintain Pennsylvania residency, and complete a minimum of twenty four credits per year. Applications are available from the Financial Aid Office.

Guaranteed Student Loan (GSL) Program

This loan program is available through participating lending institutions. Students taking at least six credits per term may receive as much as \$2500 per academic year. Repayment begins six months after the student ceases at least half-time enrollment. Interest will accrue during repayment at the rate of 9%.

If the adjusted gross income of the applicant's family is higher than \$30,000, the borrower must demonstrate financial need to qualify.

Loan applications and Income Needs Analysis forms are available through participating lenders.

Parents Loans for Undergraduate Students (PLUS)

This program allows parents to borrow a maximum of \$3000 an academic year for each dependent undergraduate student. The interest rate is 12% and repayment begins within 60 days after the disbursement of funds. Independent undergraduate students may also borrow from the PLUS program. However, these students may not borrow more than a combined total of \$2500 from both the PLUS and Guaranteed Student Loan program. Contact your local banks regarding program participation.

Evening Division Scholarships

Grants are offered annually to undergraduate Evening Division students who have established a financial need and have completed at least twenty credits at La Salle College. Selection of recipients is done by the Evening Division Grant Committee; applications are available from the Financial Aid Office and must be submitted by June 15.

Financial Obligations

At the time of registration, each term, the student contracts for the full amount of his tuition regardless of the arrangement for payment. Information pertaining to tuition, finances, and financing should be sought from The Bursar's Office (951-1055).

Refunds

Fall and Spring Semesters

| Time of Withdrawal | Refund |
|---------------------------|--------|
| Before first day of class | 100% |
| During first week | 80 |
| During second week | 60 |
| During third week | 40 |
| During fourth week | 20 |
| After fourth week | None |

Presession and Other Intensive Programs

| Time of Withdrawal | Refund |
|-------------------------------|--------|
| Before first day of class | 100% |
| During the first day of class | 50 |
| After the first day of class | None |

For the purpose of refund, the student shall be considered to be in continuous attendance up to and including the date of submission of proper notice of withdrawal. The notice of withdrawal must be addressed to the Dean. Ceasing to attend or giving notice to an instructor does not constitute proper notice. The allowed percentage of refund shall be based upon the official withdrawal date which shall be determined by the date the notice of withdrawal is received by the Dean, or the postmark, if mailed.

For the purpose of refund computation, a week shall be defined as the period of seven successive days beginning with the official College opening of classes and NOT the first day in actual attendance by a particular student.

In those instances where a student's educational expenses were satisfied in whole or in part by Title IV Program Funds, and a refund of these educational expenses is authorized, that refund will be proportioned in accordance with U.S. Department of Education regulations governing refunds and cash disbursements made directly to students. Under those regulations, priority is given to the return of funds to Title IV Assistance Programs in the following order: State Grant Programs, SEOG, NDSL, GEOG, Guaranteed Student Loans. Students should be aware that the regulations may prevent the refund of any personal funds used for payment of tuition and fees. In instances where a student has received a cash disbursement prior to the recording of his or her withdrawal, the student may be required to return those funds to the College.

Financial Delinquency

A student who is financially delinquent or against whom the College holds a record of indebtedness shall forfeit the privilege of attending class, and the College shall have the right to withhold report of grades, transcript of record, and diploma of graduation until such indebtedness is paid. A student who is financially delinquent at the close of a semester will not be permitted to register for a succeeding semester unless his account is settled.

Academic Policies and Procedures

ACADEMIC STANDING

The academic standing of a student is determined by computing a cumulative scholastic index or average of grades by assigning a grade point value to each letter grade according to the following system: A = 4, B = 3, C = 2, D = 1, F = 0, grade points per credit hour. An "A" grade for a three credit hour course equals 12 grade points; a "B" grade for a three credit hour course equals 9 grade points; a "C" grade for a three credit hour course equals 6 grade points; and a "D" grade for a three credit hour course equals 3 grade points. No grade points are given for "F" Grades. The cumulative scholastic index or average of grade is equal to the sum of all grade points divided by the total number of credit hours attempted, including hours for which an "F" was earned. The S or U grade received under the pass-fail option is not considered in computing the cumulative index.

To be in good academic standing a student must have a minimum cumulative scholastic index of 2.00. In addition, he must satisfy the scholastic requirements for his major program of study. Students' records are evaluated for academic standing after each semester.

ACADEMIC CENSURE AND ACADEMIC DISMISSAL

The cumulative average is computed by dividing the total number of credit hours attempted into the total number of grade points earned. The number of credit hours attempted must include the hours of failures which have not been removed by subsequently earning passing grades.

Academic censure may assume any one of three forms, depending on the student's academic standing. During the evaluation of student records at the end of each semester, a student will normally be subject to the form of academic censure indicated if the cumulative grade point average falls below the levels outlined.

(a) *Probation.* A student is placed on probation who has attained a cumulative grade point average of (a) less than 1.50 after the first or second term of freshman year, (b) less than 1.75 after the first or second term of sophomore year, (c) less than 1.90 after the first term of junior year, (d) less than 2.00 after the second term of junior year or during senior year. Such a student will be continued on probation until he has satisfied the conditions for good academic standing.

(b) *Suspension.* This is involuntary separation of the student from the College for a definite period of time, usually for two semesters. No academic work during a period of suspension will be accepted for a student's academic record at the College.

(c) *Dismissal.* This is involuntary separation of the student from the College for an indefinite period of time. No academic work during a period of dismissal will be accepted for a student's academic record at the College.

A student is liable to suspension or dismissal: (1) when he has attained a cumulative scholarship index of (a) less than 1.00 during his freshman year, (b) less than 1.50 during his sophomore year, (c) less than 1.75 during his junior year, (d) less than 1.90 after his junior year; (2) when he is on probation for two successive semesters.

Students on academic probation may take no more than two courses as approved in writing by an academic counselor.

At the completion of eighty-five semester hours, a student must have an academic index of 2.0 ("C" average) in his major before he will be permitted to accumulate additional semester hours. He may repeat courses for three semesters in order to better his academic index; if, at the end of the three semesters, he has not shown distinct improvement he will be dismissed from the Evening Division.

ATTENDANCE POLICY

Students are expected to attend classes regularly. Cumulative or consecutive absences of more than two weeks in any course may be regarded as excessive. Attendance is counted from the first regular class meeting regardless of the time of registration.

The student is responsible for reporting to the instructor the reason for each absence. If an absence can be foreseen, the report should be made before the absence; otherwise, it should be made immediately thereafter. Students who fail to report reasons for absence cannot expect consideration if the number of absences becomes excessive.

CHANGE IN COURSE

The student is responsible for following the sequence of courses for the curriculum of his major field of study. If changes are desired, approval must be obtained in writing from the department chairman and the Dean.

CHANGE IN MAJOR

An Evening Division student who wishes to change major curriculum must file a written request for Change of Major in the office of the Dean. A statement of the requirements to be met in the new major and a transfer of course work from the prior major will be sent to the student.

CREDIT FOR OFF-CAMPUS COURSES

Course work taken at other institutions by regularly enrolled students of the Evening Division may not be offered for credit unless the student has had *written permission in advance* from the Dean to take such courses. It is the responsibility of the student to request a transcript of credit for off-campus courses for inclusion in his record at La Salle College.

CREDIT THROUGH EXAMINATION

COLLEGE-LEVEL EXAMINATION PROGRAM (CLEP)

The La Salle College Evening Division participates in the College-Level Examination Program sponsored by the College Entrance Examination Board. CLEP is designed to enable the adult student to demonstrate competencies acquired in various academic disciplines without having attended formal college classes.

Two kinds of examinations exist in the program: General Examinations and Subject Examinations. As of September 1, 1982, La Salle College Evening Division students who wish to take one or more of the General Examinations accepted by La Salle College — Humanities, Natural Sciences, and Social Sciences-History — must do so within the first thirty (30) semester credit hours of college work, whether the credits have been earned at La Salle College, transferred or awarded through examination. Students seeking credit through any of the Subject Examinations accepted by La Salle College may not seek CLEP credit for an elementary course once the student has taken one or more advanced courses in that discipline. Additionally, the CLEP program may not be used to gain credit for a non-certifiable course taken here or elsewhere.

It is important to obtain detailed information concerning CLEP and the College policy on awarding CLEP from Marylou K. McHugh, CLEP Center Administrator, (951-1430). Candidates for Evening admission should confer with Dr. Joseph V. Brogan, Director of Admissions (951-1234).

You must have permission from the Dean's office before attempting credit via CLEP. Counselors are available to guide the student to the examinations appropriate to their course of study.

La Salle College is using the CLEP program at an institutional level; national transcript service will not be available. If you wish your scores sent to another institution address your inquiries to the CLEP Center Administrator. A transcript fee will be charged for this service. (All fees cited are subject to change.)

The cost for taking CLEP at La Salle College is \$28 per exam. If you originally register for one or more examinations and then do not take all of those examinations, you may request one of the following:

1. Reregistration for *all* of the examinations that you did not take on the original test date, for an additional total fee of \$10.
2. Refund of the test fees for *all* of the examinations that you did not take on the original test date, minus a total fee of \$10.
3. Reregistration for one of the examinations that you did not take on the original test date, for an additional fee of \$10, and refund for the others not taken, minus \$10.

The *total* charge for *either* reregistration or refund is \$10. (Note: Option 3 above, which combines reregistration *and* refund, requires a total fee of \$20.)

You must make your request in writing to the CLEP Center Administrator. The deadline for requesting reregistration or refund is two weeks after the test date you had requested.

A matriculated student in the La Salle College Evening Division who receives a satisfactory score will be notified of credit award and assessed a \$36.00 per course Administrative Fee. After receipt of the fee by the Bursar's Office, the Registrar will post the courses and the credit hours granted through CLEP on the student's record. These are not computed in determining the student's cumulative index, because grades are not recorded.

END-OF-COURSE-EXAMINATION

Students who feel their experience has trained them sufficiently to by-pass a given La Salle College course may challenge that course through an end-of-course examination. Such an examination should be requested by writing the chairperson of the department, who will then request the approval of the Dean. There is a \$25.00 charge for each examination. Students who complete the examination successfully will receive the credits for the course challenged and be charged an additional \$36.00 Administrative Assessment Fee.

DEAN'S HONOR LIST

The Dean's Honor List is published in June and February each year.

Those students who have earned a cumulative average of 3.40 are eligible for the Dean's List. In addition, they must have complied with all the regulations of the College and have earned at least 30 credit hours at the College.

An Academic Convocation for Dean's List students is held in the fall semester. At this convocation, honorary degrees are conferred. Dean's List students are recognized; and they, as well as their families, have the opportunity to meet informally with the faculty and the administration.

EXAMINATIONS

Examinations are given at any time during the course at the discretion of the instructor, at mid-semester, and at the conclusion of the semester.

Final examinations are conducted only at the times published in the examination schedule which is issued each semester.

No credit will be given for any subject until the final examination has been completed successfully.

Any student who, because of unavoidable absence, is unable to take the final examination as scheduled must request a special final examination in the Office of the Dean. No special final examination will be administered without the approval of both the instructor and the Dean. Each special final examination is subject to a fee of \$5.00. Special examinations during any semester are individually subject to a fee of \$3.00. The student must arrange through the Office of the Dean, to take any special examination. Special examinations are usually scheduled on Friday evenings throughout the semester.

GRADES

A permanent record of a grade for each course is made only at the end of each term. The final course grade is determined from recitations and examinations during the course and the final examinations.

Grades are recorded in alphabetical symbols as follows: A indicates superior; B indicates very good; C indicates average; D indicates a minimum passing grade; F indicates a failure; I indicates an incomplete grade and that certain course assignments, tests, final examination, etc., have not been performed or taken; W indicates that the student withdrew from the course before the end of the allowed withdrawal period; NR indicates that the Instructor had not reported a grade for the student by the final date for posting grades. (The student should contact the Instructor directly for the final grade.)

A separate grading system is used for the remedial courses in English and Mathematics and the Reading Courses in Humanities and Management. At the end of these courses, a student receives an S (passed) or U (failed).

A student may opt to take five elective courses on a **pass-fail basis**. An application for pass-fail grade must be filed in the Office of the Dean not later than the date published in the Academic Calendar available each semester in the Evening Division Office. Grades received under the pass-fail option do not affect one's cumulative index. A student may not take any course in the major on a pass-fail basis.

To remove an **incomplete grade**, the student must complete the required work under the supervision of his instructor. Incomplete grades must be removed not later than three weeks after the date of the final examinations; otherwise, they become failures. It is the responsibility of the student to arrange for the removal of such grades.

A student whose final grade in a required course is a failure must repeat the course.

IDENTIFICATION CARD

Each new student is issued an Identification Card. The ID card is required identification for the use of Hayman Hall (the physical recreation center) and the College Library.

REGISTRATION

Students shall register for each semester in accordance with the registration schedule as set forth in the official calendar. Detailed instructions for registration and for the rostering of courses are supplied prior to registration.

Upon the completion of registration, the student is officially enrolled in the courses rostered, and is financially responsible for the tuition charges. A student who registers during the late registration period is admitted to class by presenting the validated matriculation card issued at the time of registration. N.B. Late registration entails a \$10.00 late fee. It is the responsibility of the student to follow correctly the procedure for registration and admission to class.

ROSTER PLAN

Classes are scheduled for 150 or 180 minutes each week, dependent on whether the course is a three semester credit class or a four semester credit class. Most classes meet twice a week; each session is for seventy-five or ninety minutes, again dependent on whether the course itself is a three or four semes-

ter hour course. Some classes meet only once a week for a double-period on one evening, or on Saturday.

The schedule for classes is as follows:

| | Monday and Wednesday | Tuesday and Thursday |
|------------|-----------------------------|-----------------------------|
| 1st period | 4:30 to 5:45 P.M. | 4:30 to 5:45 P.M. |
| 2nd period | 5:55 to 7:10 P.M. | 5:55 to 7:10 P.M. |
| 3rd period | 7:20 to 8:35 P.M. | 7:20 to 8:35 P.M. |
| 4th period | 8:45 to 10:00 P.M. | 8:45 to 10:00 P.M. |

Saturday 1st period, 9:00 A.M. to 11:45; 2nd period, 12:30 P.M. to 3:15 P.M. Six Intensive Saturdays: classes meet from 9:30 A.M. to 4:30 P.M., with an hour for lunch.

The principal exception to this schedule occurs in rostering four credit hour courses. Four credit hour courses scheduled for one night a week meet from 7:15 to 10:15 P.M.; those scheduled for 4th period two nights per week meet from 8:45 to 10:15 P.M.

Classes are scheduled Monday through Thursday evening and on Saturday. A typical student roster of two courses might be chosen by following course offerings Monday and Wednesday or Tuesday and Thursday evenings.

ROSTER REQUIREMENTS

Students in the Evening Division who maintain a satisfactory academic index are permitted to schedule a maximum of twelve credit hours in any semester. Well over sixty percent of the students, however, roster six credit hours each semester, and a number of students choose to take only three credit hours. The number of courses which a student is permitted to take is dependent upon the student's ability, past academic record, program of study, and the time available for study.

REQUIREMENTS FOR A BACHELOR'S DEGREE

The candidate for a degree must have completed course work equivalent to a minimum of 120 semester hours with a cumulative index of 2.00.

The candidate must have obtained a "C" average or cumulative index of 2.00 in the major.

The candidate must have fulfilled all course requirements prescribed by the Dean of the Evening Division.

The candidate must have fulfilled the General Education and Distribution requirements.

A minimum of twelve terms of collegiate study or its equivalent is required for a degree.

The student is personally responsible for filing an Application for Graduation form one year before the date on which he anticipates receiving the degree.

REQUIREMENTS FOR AN ASSOCIATE DEGREE

The candidate for an Associate degree must have completed course work equivalent to a minimum of 60 semester credit hours, at least 30 credit hours at La Salle College.

The candidate must have fulfilled all course requirements prescribed by the Dean of the Evening Division.

The candidate must have obtained a "C" average or cumulative index of 2.00 in the major.

The student is personally responsible for filing an Application for the Associate degree one year before the date on which he anticipates receiving the diploma. Candidates for the Associate degree do not participate in the Commencement Exercises. Upon completion of the above requirements the candidate may obtain the diploma at the Dean's office.

HONORS

The bachelor's degree with honors is conferred on a student who has completed course requirements at the College with an average of all grades not lower than 3.40 and who has not incurred any academic censure.

The candidate for the bachelor's degree who has earned an average of 3.80 or better in all courses is graduated with the designation *Maxima Cum Laude*.

The candidate who has earned an average between 3.60 and 3.79 is graduated with the distinction *Magna Cum Laude*.

The candidate who has earned an average between 3.40 and 3.59 is graduated with the distinction *Cum Laude*.

WITHDRAWAL

After the completion of registration, a student shall be considered to be in attendance unless an official statement of withdrawal is received from him. Ceasing to attend class or submitting a statement of withdrawal to an instructor does not constitute an official notice of withdrawal.

Students who find it necessary to withdraw from one or more courses are required to submit a signed statement of withdrawal to the Office of the Dean. The withdrawal statement may be made in one of the following ways: the submission of a letter or the completion of a withdrawal form in the Evening Division Office. Unsupported telephoned statements are not acceptable. Regardless of the manner by which a withdrawal statement is made, it must list the course or courses from which the student is withdrawing, give adequate reasons for the withdrawal, and bear the signature of the student.

The date of filing the statement of withdrawal shall be considered, in all cases, the date of actual withdrawal. Previous statements of reasons for absence or nonattendance shall not be a cause for predating a withdrawal.

If a student withdraws before the last date of the allowable withdrawal period, his record for the course will be marked W (withdrawn). The final date for withdrawal is published in the Academic Calendar. If he withdraws after the final date for withdrawal, his record will be marked F (failure) unless his withdrawal has been caused by unusual circumstances and has the approval of the Dean.

The Curriculum

THE BACHELOR'S DEGREE

The Evening Division's curriculum enables the student to pursue an academically valid general education and an in-depth study in a major academic field. The highly flexible program preserves the elements of a common intellectual experience appropriate to a liberal arts college; at the same time, it affords the mature student freedom and choice in designing an educational experience that might enable him to develop his abilities, to progress in his employment, and to prepare for his career objectives.

The curriculum for Liberal Arts and Science majors is structured into four parts:

- | | |
|-----------------------------|-----------------------------|
| 1—General Education | 3—Departmental Requirements |
| 2—Distribution Requirements | in Major |
| 4—Elective Courses | |

The curriculum for Business Administration majors is structured into five parts:

- | | |
|-----------------------------|------------------------|
| 1—General Education | 3—Business Core |
| 2—Distribution Requirements | 4—Professional Studies |
| 5—Elective Courses | |

The General Education courses concern themselves with the basic skill of written communication and with such value-oriented subjects as literature, religion, and philosophy. These departments offer several courses which can be chosen to fulfill the General Education requirement. Courses in General Education are specifically outlined and precede the English, Foreign Language, Philosophy, and Religion Departments' offerings in the Course Descriptions section of this Bulletin.

The range of choice is further widened by the Distribution Requirement. Courses offered under this requirement help provide some depth outside your major field and also offer a measure of flexibility so that you can shape your program in accord with your interests.

The number of courses each department requires of its majors will normally not exceed fifteen (15), leaving nine (9) courses to be used as electives. Some departments require their majors to take courses outside their primary field. Students may present such courses in fulfillment of Distribution Requirements. The requirements in each major precede that department's offerings in the Course Description section of this Bulletin.

The Programs in Business Administration have these further divisions:

The Business Core—A series of ten (10) courses designed to acquaint the business major with the varied influences, methods, and techniques of modern business practice.

Professional Studies—A series of courses designed to give in-depth understanding in one area of business.

THE ASSOCIATE DEGREE

The Associate Degree programs are designed for students who wish to spend only a few years in the Evening Division and who desire a course of study that will assist them in their particular field of interest or in their employment.

Associate Degree students may transfer to a Bachelor's Degree program either upon completion of the requirements for the Associate Degree or at any time during their matriculation.

One can earn the Associate in Arts Degree in Computer Programming, Criminal Justice, Liberal Arts, or Social Science. The Associate in Science in Business Administration Degree may be earned.

REQUIREMENTS FOR AN ASSOCIATE IN ARTS DEGREE

COMPUTER PROGRAMMING

Please see the requirements stated under the Computer and Information Science departmental listing.

CRIMINAL JUSTICE

Please see the requirements stated under the Sociology departmental listing.

LIBERAL ARTS

GENERAL EDUCATION (24 semester credits)

English 101E

English 102E

2 courses in General Education Literature

2 courses in General Education Philosophy (1 Series A, 1 Series B)

2 courses in General Education Religion

DISTRIBUTION (24 semester credits)

8 courses to be selected in 4 areas of Distribution

ELECTIVES

4 courses of free electives.

SOCIAL SCIENCE

GENERAL EDUCATION (15 semester credits)

English 101E

English 102E

1 course in General Education Literature

1 course in General Education Philosophy (Series A)

1 course in General Education Religion

DISTRIBUTION (12 semester credits)

Economics 101E and 102E in Area 4

2 additional courses in one area

MAJOR (24 semester credits)

Political Science 101E

Political Science 102E

Psychology 101E

One of the following: Psychology 203E, 206E, 364E

Either Sociology 101E or 102E

One of the following: Sociology 207E, 212E, 213E

Two upper division courses in Economics, Political Science, Psychology, or Sociology (excluding Sociology 220E, 221E, 222E, 223E, 301E, 302E, 310E, 385E, 386E, 487E, and 488E)

ELECTIVES (9 semester credits)

3 courses of free electives

**REQUIREMENTS FOR AN ASSOCIATE IN SCIENCE
IN BUSINESS ADMINISTRATION DEGREE**

BUSINESS ADMINISTRATION

GENERAL EDUCATION (15 semester credits)

English 101E

English 102E

1 course in General Education Literature

1 course in General Education Philosophy

1 course in General Education Religion

DISTRIBUTION (12 semester credits)

Mathematics 111E and 112E in Area 2 of Distribution

Economics 101E and 102E in Area 4 of Distribution

MAJOR (24 semester credits)

Accounting 101E and 102E

Finance 201E and 202E

Law 201E or 202E

Management 211E and 302E

Marketing 201E

ELECTIVES

3 courses of free electives: Computer and Information Science 151E is recommended.

Bachelor of Arts

A program leading to the Bachelor of Arts degree consists of 120 credits about one-third of which are taken in a major field of study. The Degree of Bachelor of Arts is offered in computer and information science, economics, English, history, humanities, political science/public administration, psychology, and sociology.

The curriculum for Liberal Arts students has four parts:

- 1—General Education — 8 courses
- 2—Distribution Requirements — 8 courses
- 3—Major Requirements — 15 courses
- 4—Electives — 9 courses

GENERAL EDUCATION REQUIREMENTS

| | |
|--|-------------|
| English Composition | 2 semesters |
| Literature | 2 semesters |
| (English or foreign literature in translation) | |
| Philosophy..... | 2 semesters |
| Religion..... | 2 semesters |

DISTRIBUTION REQUIREMENTS

Two courses in four of the areas below, exclusive of courses in your major.

| Area I | Area II | Area III | Area IV | Area V |
|----------------------|----------------------------------|--|---|---|
| † English History | Foreign Languages Mathematics | Art Music † Philosophy † Religion | Economics Political Science Psychology Sociology | Biology Chemistry Geology *Humanities Physics |

MAJOR REQUIREMENTS

Requirements for majors in each department are listed along with that department's course descriptions.

ELECTIVES

You may use your elective courses in whatever way you choose, grouping them to build a strong minor or using them to diversify your background or broaden your interests.

† General Education courses may not be used to fulfill Distribution.

*See Curriculum Progress Chart — Area V

B.A. CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester, fill in the title and number of each course which you have completed. Take this record with you when you report for academic counseling.

General Education (8 courses)

English Composition

1. Eng 101E _____

2. Eng 102E _____

Literature or Literature in Translation

1. 16 _____

2. 16 _____

Philosophy

1. Phl 161E, 162E or 164E (Series A) _____

2. Phl 166E, 167E or 169E (Series B) _____

Religion

1. Rel 16 _____

2. Rel 16 _____

Major Requirements

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

Distribution Requirements (8 courses)

Select 2 courses from 4 of the 5 areas exclusive
of courses in your major

Area 1 (*English, History)

1. _____ 2. _____

Area 2 (Foreign Language or Mathematics)

1. _____ 2. _____

Area 3 (Art, Music, *Philosophy, *Religion)

1. _____ 2. _____

Area 4 (Economics, Political Science,
Psychology, Sociology)

1. _____ 2. _____

Area 5 (Biology, Chemistry, Geology, Physics;
Humanities 201E, 202E)

1. _____ 2. _____

Electives

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

*General Education courses may not be used to fulfill Distribution.
Degree Requirement: 120 Credits properly distributed in these four divisions.

Bachelor of Science

The Bachelor of Science degree consists of 120 credits properly distributed in the four areas of the degree program. The Bachelor of Science degree is offered in Electronic Physics, Applied Mathematics, and Nursing, which requires 121 credit hours.

The curriculum for Science students has four parts:

- 1—General Education — 8 courses
- 2—Distribution Requirements — 8 courses
- 3—Major Requirements
- 4—Electives

GENERAL EDUCATION REQUIREMENTS

| | |
|--|-------------|
| English Composition | 2 semesters |
| Literature | 2 semesters |
| (English or foreign literature in translation) | |
| Philosophy | 2 semesters |
| Religion..... | 2 semesters |

DISTRIBUTION REQUIREMENTS

Eight courses in four of the areas below, exclusive of courses in your major.

| Area I | Area II | Area III | Area IV | Area V |
|----------|-------------------|--------------|-------------------|-----------|
| †English | Foreign Languages | Art | Economics | Biology |
| History | Mathematics | Music | Political Science | Chemistry |
| | | † Philosophy | Psychology | Geology |
| | | † Religion | Sociology | Physics |

MAJOR REQUIREMENTS

Requirements for majors in each department are listed with each major department's course descriptions.

ELECTIVES

You may use your elective courses in whatever way you choose, grouping them to build a strong minor or using them to diversify your background or broaden your interests.

† General Education courses may not be used to fulfill Distribution.

B.S. CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester, fill in the title and number of each course which you have completed. Take this record with you when you report for academic counseling.

General Education (8 courses)

English Composition

1. Eng 101E

2. Eng 102E

Literature or Literature in Translation

1. 16

2. 16

Philosophy

1. Phl 161E, 162E or 164E (Series A)

2. Phl 166E, 167E or 169E (Series B)

Religion

1. Rel 16

2. Rel 16

Major Requirements

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

Distribution Requirements (8 courses)

Select 8 courses from 4 of the 5 areas

Area 1 (*English, History)

1. _____ 2. _____

Area 2 (Foreign Language, Mathematics)

1. _____ 2. _____

Area 3 (Art, Music, *Philosophy, *Religion)

1. _____ 2. _____

Area 4 (Economics, Political Science, Psychology, Sociology)

1. _____ 2. _____

Area 5 (Biology, Chemistry, Geology, Physics)

1. _____ 2. _____

Electives

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

*General Education courses may not be used to fulfill Distribution.
Degree Requirement: 120 Credits properly distributed in these four divisions.

B.S. IN NURSING CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester, fill in the title and number of each course which you have completed. Take this record with you when you report for academic counseling.

General Education (8 courses)

English Composition

1. Eng 101E _____

2. Eng 102E _____

Literature or Literature in Translation

1. 16 _____

2. 16 _____

Philosophy

1. Phl 161E, 162E or 164E (Series A) _____

2. Phl 166E, 167E or 169E (Series B) _____

Religion

1. Rel 16 _____

2. Rel 16 _____

Major Requirements

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

Distribution Requirements (8 courses)

(Select 4 courses from 2 areas 1, 2, 3)

Area 1 (+English, History)

1. _____ 2. _____

Area 2 (Foreign Language or Mathematics)

1. _____ 2. _____

Area 3 (Art, Music, +Philosophy, +Religion)

1. _____ 2. _____

*Area 4 (Psychology, Sociology)

1. Psych. 2. Soc. _____

*Area 5 (Biology, Chemistry)

1. Microbiology 2. General Chem. _____

*Must be taken by Nursing Major.

Electives

1. *Anat. and Phys. _____

2. *Anat. and Phys. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

+General Education courses may not be used to fulfill Distribution. Degree Requirement: 121 credits properly distributed in these four divisions.

Bachelor of Science in Business Administration

A program leading to a Bachelor of Science degree in Business Administration consists of 120 credits about half of which may be taken in Business and Economics courses. The program is designed to provide for the educational needs of students already employed in business and for those planning on entering graduate schools. While keeping in mind the student's age, experience, educational and employment goals, the program prepares the student for managerial responsibility and provides an enduring base for his personal development.

The curriculum for Business Administration students has five parts:

- 1—General Education — 8 courses
- 2—Distribution Requirements — 8 courses
- 3—Business Core — 10 courses
- 4—Professional Studies
- 5—Electives

GENERAL EDUCATION REQUIREMENTS

| | |
|--|-------------|
| English Composition | 2 semesters |
| Literature | 2 semesters |
| (English or foreign literature in translation) | |
| Philosophy | 2 semesters |
| Religion..... | 2 semesters |

DISTRIBUTION REQUIREMENTS

Certain courses within Areas II and IV must be selected by all students in Business Administration programs.

Business Administration students may choose three courses from two of the three areas: Area I, III, or V.

| Area I | Area II | Area III | Area IV | Area V |
|-------------------|----------------------------------|--------------|------------------------|-------------|
| † English History | Mathematics ¹ | Art | Economics ² | Biology |
| | Computer and Information Science | Music | | Chemistry |
| | | † Philosophy | | Geology |
| | | † Religion | | *Humanities |
| | | | | Physics |

† General Education courses may not be used to fulfill Distribution

*See Curriculum Progress chart — Area V

¹Business students must take Mathematics 111E, 112E, or Mathematics 120E. They must also take Computer and Information Science 151E or equivalent.

²Economics 101E, 102E is required of Business students.

BUSINESS CORE

Course work consists of study in the several areas of business practice and in analytical methods and techniques. This foundation is intended to develop a broad understanding of business problems. The following courses constitute the core:

Accounting 101E, 102E; Economics 213E, 302E; Finance 201E, 202E; Law 201E or Law 202E; Management 211E, 302E; Marketing 201E.

ELECTIVES

You may use your electives in whatever way you choose, either grouping them to build a strong minor or using them to diversify your background or broaden your interests. To achieve a balance between liberal arts and professional studies, the College recommends that you take no more than 4 courses in Business Administration and Economics as elective courses.

PROFESSIONAL STUDIES

The professional option consists of 12, 15, or 18 credits in a functional area beyond the courses required in the Business core. An exception is the Accounting Option, for which a set of course requirements has been established as necessary preparation for the Certified Public Accounting examination in Pennsylvania. Courses required of the Accounting Major are listed with the department's course offerings in the Course Descriptions section of this Bulletin.

You may choose your professional option when you apply for admission or at some time during your first two years of college.

B.S. BUS. ADM. CURRICULUM PROGRESS CHART

Keep track of your academic progress. At the end of each semester, fill in the title and number of each course which you have completed. Take this record with you when you report for academic counseling.

General Education (8 courses)

English Composition

1. Eng 101E _____

2. Eng 102E _____

Literature or Literature in Translation

1. 16 _____

2. 16 _____

Philosophy

1. Phl 161E, 162E or 164E (Series A) _____

2. Phl 166E, 167E or 169E (Series B) _____

Religion

1. Rel 16 _____

2. Rel 16 _____

Distribution Requirements (8 courses)

Select 3 courses from 2 areas 1, 3, 5,

Area 1 († English, History)

1. _____ 2. _____

*Area 2 (Mathematics)

1. ^aMth. 111E 2. ^aMth. 112E

3. ^aCSC 151E

Area 3 (Art, Music, † Philosophy, † Religion)

1. _____ 2. _____

*Area 4 (Economics)

1. Ecn. 101E 2. Ecn. 102E

Area 5 (Biology, Chemistry, Geology, Physics; Humanities 201E, 202E)

1. _____ 2. _____

*Must be taken by Business Major.

Business Core

Accounting 101E

Finance 202E

Accounting 102E

Law 201E or 202E

Economics 213E

Management 211E

Economics 302E

Management 302E

Finance 201E

Marketing 201E

Professional Studies

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

Electives

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

† General Education offerings may not be used to fulfill Distribution requirements.

* Required courses in Distribution.

^aMth 101-111 may be offered by students admitted prior to Fall 1983; Mth 111-112 is required of all others. Mth 120 may be used to satisfy the Mathematics requirement. All students must take CSC 151 or equivalent.

Degree Requirement: 120 Credits properly distributed in these five divisions.

Description of Courses

The courses listed below ordinarily will be given when there is a minimum enrollment of 12 students.

ACCOUNTING

**Joseph G. Markmann, B.S., C.P.A., Chairman
Christian R. Lindback Professor of Business Administration**

The Professional Option in Accounting consists of the following courses beyond the introductory courses: Accounting 201E, 202E, 303E, 405E, 408E, 3 advanced courses selected in consultation with the Department Chairman.

Accounting 101E Principles of Accounting 1

3 credits

Fundamental principles of recording business transactions, including presentation and interpretation of the financial data of a single proprietorship, partnership and corporation. Fall and Spring semesters.

Accounting 102E Principles of Accounting 2

3 credits

Relationship between understanding accounting procedures and using accounting data effectively; interrelationships between financial statements and methods of accumulating data for these statements and how particular accounting methods used influence business decisions. Problems include depreciation methods, inventory valuation, alternative methods of obtaining capital and measurement and control of costs within the corporate entity. Fall and Spring semesters.

Accounting 201E Accounting Theory — Part 1

Prerequisite, Accounting 102E

3 credits

Theories and problems involved in proper recording of transactions and preparation of financial statements. Review of accounting cycle, discussion of financial statements, analysis of theory as applied to transactions affecting current assets, current liabilities, long-term investments, and their presentation on the balance sheet. Fall and Spring semesters.

Accounting 202E Accounting Theory — Part 2

Prerequisite, Accounting 201E

3 credits

Detailed presentation of theory as applied to plant and equipment, intangible assets, long-term debt, capital stock and surplus; correction of errors of prior periods; analysis of financial statements; statement of application of funds. Fall and Spring semesters.

Accounting 303E Principles of Cost Accounting

Prerequisite, Accounting 102E

3 credits

Basic principles applied to job cost and process cost systems; uses and interpretations of cost information. Topics include: purchasing and issuing of materials and maintenance of perpetual inventory records, control of labor, methods of distributing factory overhead expenses, evaluation of problems involved in shrinkage and idle time, forms used in job and process cost systems, and discussion of the place of cost accounting in modern enterprises. Fall and Spring semesters.

Accounting 304E Auditing

Prerequisite, Accounting 202E 3 credits
Modern audit practices, emphasizing principles and objectives of an audit. Analysis of audit basis, best standards, objective reporting, adoption of improved accounting standards, business controls, professional ethics and legal liability. Fall and Spring semesters.

Accounting 310E Financial Statement Analysis

Prerequisite, Accounting 102E 3 credits
Comparative analyses by percentages, ratios, trends, graphic reports and projections applicable to the balance sheet and income statement. Structure and meaning of accounts and peripheral statements such as application of funds and breakeven analysis. Fall and Spring semesters.

Accounting 313E Advanced Cost Accounting

Prerequisite, Accounting 303E 3 credits
For students who intend to work in the field of industrial accounting. Economic, industrial and managerial aspects of cost accounting with emphasis on flexible budget as a basis for cost control; analysis of variance and graphic charts. Study of estimated costs, standard costs and distribution costs. Fall semesters.

Accounting 405E Advanced Accounting Theory and Problems — Part 1

Prerequisite, Accounting 202E 3 credits
Home office and branch accounting; mergers; acquisitions and preparation of consolidated financial statements; foreign operation. Fall and Spring semesters.

Accounting 406E Advanced Accounting Theory and Problems — Part 2

Prerequisite, Accounting 202E 3 credits
Special topics in accounting theory including partnerships; government accounting; installment sales; estate and trust; and insolvency in connection with realization liquidation. Fall and Spring semesters.

Accounting 408E Taxation of Individuals

3 credits
Gives a comprehensive explanation of the federal structure as it applies to individuals and provides experience in the application of tax principles to specific problems. Includes types of returns; rates; business and personal income; sales and exchange; business and personal deductions; and withheld and prepaid taxes. Fall semesters.

Accounting 413E Budgetary Planning and Control

Prerequisite, Accounting 202E, 313E or approval of Department Chairman 3 credits
Principles of business planning for financial control of future operations through use of budgetary systems. Each section of the budget is treated, the various sections are assembled, and a master budget is prepared. Types and uses of budgets are discussed. Students who have not had Accounting 313E should confer with the Department Chairman before rostering this course. Spring semesters.

Accounting 418E Corporate And Other Taxation

Prerequisite, Accounting 408E 3 credits
Reviews federal revenue system; partnership; federal corporate income tax; federal state and federal gift taxes; State of Pennsylvania corporation taxes; City of Philadelphia taxes. Spring semesters.

Accounting 419E Advanced Accounting Problems

Prerequisite, Accounting 406E

3 credits

Reviews advanced material covering the entire accounting field. Problems considered include partnership liquidations, fiduciary accounting, consolidations, federal and state taxes, municipal accounting and other problems. Fall semesters.

ART**Art 101E Elements of Art**

3 credits

Aesthetic analysis of the elements of painting and sculpture; application of principles to several major artists.

BIOLOGY**Brother Richard Hawley, F.S.C., M.A., Chairman****Biology 151E-152E Anatomy and Physiology**

4-8 credits

Structure and functioning of the human body with emphasis on interrelationships of the major organ systems. Three hours lecture, two hours laboratory; two terms.

Biology 153E The Animal Kingdom: Fantasy and Fact

3 credits

For election in the distribution area by non-biology majors. The animal kingdom and its relationship to man. Consideration given to evolution, physiology, ecology, parasites, and genetics. Course incorporates lecture, visuals, and student investigations. One hour lecture, two hours lecture-laboratory. Fall semesters.

Biology 154E Plants: Flowering and Non-Flowering

3 credits

For election in the distribution area by non-biology majors. The structure and metabolism of seed and non-seed plants. Consideration given to evolution, ecology, hormones, and basic systematics. Course incorporates lecture, visuals, and student investigations. One hour lecture, two hours lecture-laboratory. Spring semesters.

Biology 251E Clinical Microbiology

3 credits

Physical and chemical techniques available for destruction of microbes; prevention of microbial contamination; role of specific pathogens in the etiology of human disease processes; chemotherapeutic and antibiotic preparations available to assist body mechanisms. Recommended for nurses. Two hours lecture, two hours laboratory.

CHEMISTRY**Thomas S. Straub, Ph.D., Chairman****Chemistry 111E General Chemistry — Part 1**

4 credits

Provides the student with a firm theoretical basis for understanding the fundamentals of chemistry in the field of inorganic chemistry. Includes stoichiometry, the states of matter, thermochemistry, atomic and molecular structure, and the periodic chart. The descriptive chemistry is concerned principally with the non-metals. Carries lab fee. Fall semesters.

Chemistry 112E General Chemistry — Part 2

Prerequisite, Chm. 111E

4 credits

Includes solutions, ionic equilibria, oxidation and reduction, electrochemistry, complex ions and nuclear chemistry. The descriptive chemistry of the metals is also covered as well as some aspects of qualitative analysis. Carries lab fee. Spring semesters.

Chemistry 151E Chemistry of the Life Sciences

4 credits

A terminal course for students who wish to obtain a general knowledge of chemistry with emphasis on the processes in the body and in nature. Descriptive and some quantitative principles discussed. Three hours lecture, three hours laboratory.

Chemistry 201E Organic Chemistry — Part 1

Prerequisite, Chm. 112E

4 credits

Presents the theoretical aspects of organic chemistry together with the structure, nomenclature, syntheses, and physical and chemical properties of the main classes of organic compounds. The aliphatic compounds are studied with emphasis on bond structure, reaction mechanisms, stereochemistry, and the correlation of structure with physical properties. Petroleum chemistry, proteins and carbohydrates are treated as special topics. Carries lab fee.

Chemistry 202E Organic Chemistry — Part 2

Prerequisite, Chm. 201E

4 credits

Monofunctional and polyfunctional aromatic compounds, and polyfunctional aliphatic compounds are considered. These compounds are discussed from the viewpoint of reaction mechanisms and synthetic sequences. Both aliphatic and aromatic compounds are also treated under the three categories of substitution, addition and elimination reactions. Carries lab fee.



COMPUTER AND INFORMATION SCIENCE **David Brown, M.A., Chairperson**

Required for major in Computer and Information Science: 15 courses

- CSC 151E, 153E, 254E, 257E, 355E, 356E, 357E, 358E.
- Mathematics 120E, 221E, 240E.
- Two courses in statistics, such as ECN 213E, 214E, or as approved by the Department Chairperson.
- Two controlled electives, approved by the Department Chairperson. Recommended courses may be chosen from the following concentrations:

Computer Systems: CSC 354E, 455E, 457E, 470E.

Information Systems: CSC 353E, 354E, 454E.

Business Applications: ACC 201E, 202E; CSC 454E; MGT 301E; MKT 401E.

Computer Hardware: EPH 350E, 360E, 365E.

Mathematics: MTH 222E, 321E, 341E, 414E, 421E; PHL 325E.

Required for **Associate in Arts** in Computer Programming

- English 101E, English 102E, 1 course in General Education Literature, 1 course in General Education Philosophy, 1 course in General Education Religion.
- 4 courses in Distribution (for those interested in data processing Mth 111E and 112E in Area 2; for those interested in scientific programming, Mth 113E and 120E in Area 2; Ecn 213E in Area 4 and 1 course from Area 1, 3, 4, or 5.)
- CSC 151E, 153E, 254E, 257E, and 3 controlled electives selected with approval of Chairperson.
- 3 courses of free electives.

CSC 151E Introduction to Computing

Prerequisite, one year of college mathematics

3 credits

Basic programming and program structure, data representation, survey of computers—languages, systems and applications (with emphasis on business applications)—computer solution of several data processing problems using BASIC language. Carries lab fee. Fall and Spring semesters.

CSC 153E Algorithm and Data Structures

Prerequisite, CSC 151E

3 credits

Emphasis on development of algorithms for problem solution with programming of several non-trivial numeric and non-numeric algorithms in Pascal. Elementary data structures: arrays, stacks, queues, linked lists, trees. Sorting and searching algorithms. Carries lab fee. Fall and Spring semesters.

CSC 154E COBOL in Business Data Processing

Prerequisite, CSC 151E

3 credits

Review of computer concepts, problem solving, and program documentation. Study and use of COBOL language in several case studies of commercial data processing applications. Emphasis on structured programming, documentation, problem analysis, file processing and organization. A terminal course designed for business majors. Not open to CSC majors. Carries lab fee. Fall semesters.

CSC 254E File and Data Management Systems

Prerequisite, CSC 153E

3 credits

Introduction to COBOL language for CSC majors. File types and file management. Introduction to sequential, indexed sequential, and random-access file structures. Carries lab fee. Fall and Spring semesters.

CSC 257E Computer Structure and Assembly Language

Prerequisite, CSC 153E

3 credits

Introduction to computer structure and architecture with programming assignments done in MACRO-20. Computer structure and machine language, assembly language, addressing techniques, macros, file input/output, subroutines, recursion, interrupts, error handling. (Formerly, "Computer Organization and Programming.") Fall and Spring semesters.

CSC 353E Systems Analysis I

Prerequisites, CSC 254E and ACC 101E

3 credits

Basic concepts of systems; system lifecycle; concepts of information systems—design, components; relationship of data based concepts to the information system; analysis, evaluation, and implementation problems for information systems; systems approach to providing information in traditional business functions. Carries lab fee. Fall semester—Odd years.

CSC 354E Data Structures

Prerequisite, CSC 153E

3 credits

An in-depth treatment of a variety of data structures and their associated algorithms. Stacks, queues, arrays and their address mapping functions. Linear lists, list operations, sequential and linked storage allocation, and garbage collection. Trees, binary trees, tree operations, and use of trees in sorting and searching. Multi-linked structures. Dynamic storage allocation; files and file structures; hash codes and comparison of search methods. Carries lab fee. Fall Semester—Even Years.

CSC 355E Discrete Structures

Prerequisite, CSC 153E and Mth 240E

3 credits

Review of set algebra including mappings and relations; algebraic structures including semigroups and groups; elements of the theory of directed and undirected graphs; Boolean algebra and propositional logic; applications of these structures to various areas of computer information science. Fall semesters.

CSC 356E Programming Languages

Prerequisites, CSC 254E and 257E

3 credits

Formal definition of programming languages including specification of syntax and semantics; simple statements including precedence, infix, prefix, and postfix notation; global properties of algorithmic languages including scope of declarations, storage allocation, binding and subroutines; list processing, string manipulation, data description, and simulation languages; run-time representation of programs and data structures. Carries lab fee. Spring semesters.

CSC 357E Assemblers, Loaders and Compilers

Prerequisite, CSC 257E

3 credits

Macros and their use. Structure and function of assemblers, linking loaders, and compilers. Program subroutine linkage, parameter passing and binding. Syntax graphs and parsers. Students will design and program several examples. (Formerly, "Introduction to Systems Programming.") Carries lab fee. Fall semesters.

CSC 358E Computer Architecture

Prerequisites, CSC 257E and Mth 240E

3 credits

General computer structure from minicomputers to large-scale systems. Current and future memory technologies: internal and external storage. Stack computers, parallel computers, overlap and pipeline processing. Data communications: synchronous and asynchronous lines, protocols, networks and packet switching, multiplexing. (Formerly, CSC 458E) Spring semesters.

CSC 454E Advanced Data Processing and Data Base Management

Prerequisite, CSC 254E

3 credits

Data base system architecture—data structures, storage structures, and data languages. Alternate approaches to data base management systems—relational approach, hierarchical approach, network approach. Data base security and integrity. Query processing. Carries lab fee. Fall semester—Odd years.

CSC 455E Formal Languages and Automata Theory

Prerequisite, CSC 355E

3 credits

Formal languages and their description by grammars and automata: regular, context-free, context sensitive, and unrestricted languages. Deterministic and non-deterministic machines. Finite state machines and their applications. Theory of translation, parsing, LL(K), LR(K) and precedence grammars. Spring semester—Odd Years.

CSC 457E Operating Systems

Prerequisite, CSC 357E

3 credits

Principles and concepts of process and resource management in operating systems, I/O programming, interrupt mechanism; memory management; processor management, scheduler, traffic controller; device management and information management and file systems. Concepts illustrated in the context of modern computers. Carries lab fee. Spring semester—Even years.

CSC 470E Selected Topics in Computer Information Science

Prerequisite, permission of the Chairperson

3 credits

An introductory course to specialized research in computers and computing, concentrating on one particular aspect of computer information science. The subject matter will vary from term to term.

ECONOMICS**John A. Duffy, Ph.D., Chairman**

Required for Major in Economics: 12 courses

- Economics 101E, 102E, 201E, 203E, 213E, 214E, 302E or 305E, 306E, 411E, 412E.
- Mathematics 111E, 112E.
- Two courses in the social sciences (political science, psychology, or sociology).

Economics 101E Introductory Economics 1

3 credits

Studies the economic system, including a comparison of capitalistic and socialistic economies and consideration of the influence of government policies on economic activity. Emphasis on the U.S. economy and factors which determine employment, inflation, gross national product, and the money supply. Fall and Spring semesters.

Economics 102E Introductory Economics 2

Prerequisite, Economics 101E

3 credits

Topics include: economic problems of the business firm; economic growth of society; urban problems associated with economic growth; economic approaches to ecological issues; international trade issues; economic problems of poor countries. Fall and Spring semesters.

Economics 201E Monetary Economics

Prerequisite, Economics 102E

3 credits

A study of the monetary and financial system of the U.S. economy. Emphasis on the importance of the money supply, the demand for money, and interest rates, along with more recent developments in the study of monetary variables. Instruments of monetary policy discussed and evaluated in the context of contemporary economic theory; the position of the American financial system in the international financial network. Spring semester—1985.

Economics 203E American Economic History

Prerequisite, Economics 102E

3 credits

History of the growth and development of the economic institutions of the United States from the Age of Discovery to the New Deal and their influences on political and social organizations.

Economics 213E Economics and Business Statistics 1

Prerequisite, Mathematics 112E

3 credits

General introduction to the basic ideas and procedures of statistical analysis with special emphasis on their application to economics and business. Methods of statistical description, index numbers, and time series analyses. Introduction to statistical inference. Fall and Spring semesters.

Economics 214E Economics and Business Statistics 2

Prerequisite, Economics 213E

3 credits

Foundations of statistical inference as applied to decision making on the basis of limited information. Basic concepts of probability, probability distributions, estimation and test of hypotheses, regression and correlation techniques. Spring semesters.

Economics 301E Labor Problems in America

Prerequisite, Economics 102E

3 credits

Study of the sources of the union movement, its history, structure, and functions. Attention to the development of economics, political, and social power, as well as to the problems involved in the use of this power; management rights and management reaction to unions are also treated.

Economics 302E Managerial Economics

Prerequisites, Ecn. 102E, Ecn. 213E, Mth. 112E

3 credits

An intermediate-level course in the theory and practice of the firm. Theory and estimation of demand, production, and cost functions; market structures and pricing in theory and practice; selected aspects of linear programming, regulation and anti-trust, capital budgeting, and risk analysis. Fall and Spring semesters.

Economics 305E Intermediate Micro-Economic Theory

Prerequisite, Economics 102E

3 credits

Theory of consumer behavior, production and cost. Price determination of products in various market models and of factors of production. General equilibrium. Welfare economics. (Formerly, Economics 303E.)

Economics 306E Intermediate Macro-Economic Theory

Prerequisite, Economics 102E

3 credits

Techniques of measuring national income and output. Theory of aggregate demand and the equilibrium level of income or output. Theory of economic fluctuations and of economic growth. Theory of inflation. Fiscal and monetary policies toward stabilization. (Formerly, Economics 304E.)

Economics 404E Public Finance

Prerequisite, Economics 102E

3 credits

An analysis of the revenue and expenditure activities of government with particular emphasis on the rationale of this government activity, the method of financing, and the effects of fiscal policy on allocation, distribution, efficiency, equity and stability in the economy. Fall semester 1984.

Economics 411E History of Economic Thought

3 credits

The historical development of economic thought from ancient times to the present. The contributions of the ancient philosophers, the Scholastics, the Mercantilists, the Classicists and the German Historical School. Fall semester 1983.

Economics 412E Contemporary Economic Systems

3 credits

A continuation of Economics 411E until Keynesian economics has been treated; a history and analysis of socialist and Marxist thought culminating in a comparative study of the structure and function of the economics of the United States and Soviet Union. Spring semester 1984.

Economics 431E International Economics

Prerequisite, Economics 102E

3 credits

An introduction to the theory of international exchange, to natural and policy barriers to trade, to relations between developed and developing countries and to international disequilibrium. Stress on the evolution of the international monetary system and selected current problems such as balance of payments, exchange standards, liquidity and the role of international institutions.

Economics 470E Special Topics

3 credits

Concentration on a particular aspect of economic theory or economic issues. Topics will vary according to student interest and availability of faculty.

EDUCATION**Gary K. Clabaugh, Ed.D., Chairperson****Education 201E The School: Education in Philosophical and Cultural Perspective**

3 credits

Analysis of relationship between the organizational structure and educational policies of American schooling and the socio-economic system of modern society.

Education 203E The Child: Educational Psychology

Prerequisite, Psychology 101E or permission of chairman

3 credits

Psychological principles as they apply to the pupil and the learning process. Field experience in an educational setting is required.

Education 302E Audio-Visual Aids

3 credits

Utilization of audiovisual materials in an instructional setting. Training in use of overhead transparencies, 35mm color slides, audio tapes, drymounting techniques, multimedia presentations, etc. Student production of video tape programs utilizing the College's television studio. Film and photography techniques.

Education 469E Supervised Teaching

3 credits

In-class observation of experienced teachers seeking initial or supplementary certification. *Eligibility determined by the Education Department.*

**LA SALLE COLLEGE — CHESTNUT HILL COLLEGE
Cooperative Program in Elementary Education**

The La Salle College Evening Division has a cooperative program with the Education Department of nearby Chestnut Hill College. Chestnut Hill College, conducted by the Sisters of Saint Joseph, enjoys a reputation for academic excellence. The college is located at the city limits in beautiful Chestnut Hill about five miles from the La Salle Campus.

La Salle students who are pursuing a degree program in Elementary Education and Pennsylvania Teacher Certification register at Chestnut Hill for all required courses in professional education and teaching methods in elementary instruction. The student will complete the General Education, Distribution, and Elective courses at La Salle.

Candidates for the degree in Elementary Education must satisfy the requirements prescribed by La Salle College and all course work required by Chestnut Hill for teacher certification. Students in this major are encouraged to arrange for an appointment at Chestnut Hill, upon completion of thirty semester credit hours of collegiate study. CH7-4210.

ELECTRONIC PHYSICS **Robert A. Bartolini, Ph.D., Chairman**

Requirements for General Electronics Option: 20 courses
Requirements for Computer Electronics Option: 20 courses

- **General Electronics:** Physics 105E, 106E; EPH 107E, 212E, 312E, 322E, 325E.
Mathematics 120E, 221E, 222E, 322E, 325E.
Chemistry 111E.
CSC 151E.
Three (3) related electives chosen from: EPH 360E, 365E, 460E; CSC 153E, 257E; Mth 240E, 424E.
- **Computer Electronics:** Physics 105E, 106E; EPH 212E, 312E, 350E, 360E, 365E.
Mathematics 120E, 221E, 222E, 240E, 322E.
Chemistry 111E.
CSC 151E, 153E, 257E, 358E.
Three (3) related electives chosen from: EPH 322E, 342E, 420E, 460E; CSC 254E, 357E, 457E; Mth 325E, 424E.

Physics 105E General Physics — Part 1

Pre-or Corequisite, MTH 120E 4 credits
Fundamentals of the science. Introduction to mechanics of solids. Topics include: motion in one and two dimensions, particle dynamics, work, energy, linear momentum, collisions, rotational kinematics and dynamics, angular momentum, equilibrium of rigid bodies, oscillations, gravitation, waves in elastic media and sound. Fall semesters.

Physics 106E General Physics — Part 2

Prerequisites, Phy 105E, MTH 120E 4 credits
Introduction to electricity and magnetism. Topics include: charge and matter, the electric field, Gauss' law, electrical potential, capacitors and dielectrics, current and resistance, electromotive force, the magnetic field, Ampere's law, Faraday's law, inductance, magnetic properties of matter, electromagnetic oscillations, and electromagnetic waves. Spring semesters.

Elec. Physics 107E General Physics — Part 3

Prerequisites, Phy 106E, Corequisite, MTH 221E 3 credits
Introduction to fluid mechanics, sound, thermodynamics, kinetic theory, light, and quantum physics. Topics include: fluid statics and dynamics, temperature, heat, the laws of thermodynamics, kinetic theory of gases, entropy, the nature, propagation, reflection, refraction, interference, diffraction and polarization of light, and quantum physics applied to light and to particles. Fall 1984.

Elec. Physics 212E Circuit Theory — Part 1

Prerequisites, EPH 107E, MTH 222E 3 credits
Develops the basics of circuit theory with emphasis on network response to sinusoidal driving functions. Includes state variables, the sinusoidal steady state impedance, admittance, resonance, mesh and node analysis, network theorems, and basic filters. Spring semesters.

Elec. Physics 312E Electronic Circuits — Part 1

Prerequisite, EPH 212E 3 credits
Introduction to the use of active devices in electronic circuits. Topics include: transistor and diode characteristics, circuit models and configurations, biasing and stabilization, amplifiers, rectifiers, signal analysis in the low and mid-frequency regions. Spring semesters.

Elec. Physics 322E Circuit Theory — Part 2

Prerequisites, EPH 212E, MTH 322E

3 credits

Develops the techniques of network analysis with applications in communication theory. Topics include: complex frequency, Fourier and Laplace transforms, impulse response, convolution, transfer function, and general network analysis by Fourier and Laplace transform techniques. Fall semesters.

Elec. Physics 300E Transistor and Circuit Analysis for Non-EPH Majors

Prerequisite, Mathematics 221E

3 credits

Basics of circuit theory with emphasis on network response to sinusoidal driving function; use of active devices in electronic circuits. Topics include: steady state analysis, impedance, admittance, mesh and mode analysis, network theorems, transistor and diode characteristics, circuit models and configurations. Designed for CSC and non-EPH majors; not open to EPH majors. Fall semesters.

Elec. Physics 342E Electronic Circuits — Part 2

Prerequisite, EPH 312E, 322E

3 credits

Continues the study of active devices in electronic circuits. Topics include: feedback amplifiers, oscillators, tuned circuits, high frequency amplifiers, operational amplifiers, and power amplifiers.

Elec. Physics 350E Digital Electronics

Prerequisite, EPH 300E or 312E

3 credits

Concerns circuits used in computers and data acquisition systems. Topics include digital gates, logic families, digital system building blocks, combinational and sequential circuits, memory, waveform generators, A/D and D/A converters. (Formerly, EPH 412E "Pulse and Digital Electronics.")

Elec. Physics 360E Logic Design

Prerequisite, EPH 350E

3 credits

Non-decimal number systems introduced with special emphasis on binary arithmetic. Various codes studied in terms of geometric representations and error detection and correction properties. Boolean algebra presented. Analysis and synthesis of combinatorial logic discussed using boolean algebra and map techniques for simplification. Analysis and synthesis of sequential logic discussed along with the development of simple digital configurations such as adders, shifters, timing level generators, parity checkers, decoders, etc. A simple discussion of timing problems, rates and delay is presented. State diagrams, transition tables and timing charts are introduced as design aids. (Formerly, EPH 440E.)

Elec. Physics 365E Introduction to Microprocessors

Prerequisite, EPH 350E

4 credits

Reviews fundamentals of coding and digital hardware; discusses architecture, hardware and software in relation to microprocessors. Topics include: Microprocessor architecture (ALU, registers, memory, bus structure, I/O); microprocessor programming (instruction set, program organization, subroutines, interrupts, DMA); peripheral hardware; systems architecture (hardware vs. software trade-offs, expansion techniques). The laboratory consists of work with an actual microprocessor system. It culminates in a project in which the student selects an application, then designs and implements a microprocessor system to satisfy the application. (Formerly, EPH 450E.)

Elec. Physics 411E Field Theory

Prerequisites, EPH 322E, MTH 322E, MTH 325E

3 credits

Discusses static and time-varying electromagnetic fields and leads up to wave propagation and radiation. Included are: fields in basic circuit elements and relation of field theory to circuit theory, Maxwell's equations, reflection and refraction of waves, transmission lines and simple wave guides. Fall 1983.

Elec. Physics 420E Communications

Prerequisite, EPH 322E

3 credits

Basic introduction to communication systems. Topics include: concepts of information content and channel capacity, Fourier analysis and transmission through linear systems, sampling theory, digital and analog communication, signal generation, modulation and detection.

Elec. Physics 460E Microprocessor Interface

Prerequisite, Elec. Physics 365E

4 credits

Use of microprocessors to control external devices. Topics include: input-output (I/O) techniques, port addressing, serial, parallel, IEEE-488 interfaces and busses, DMA, interrupt, A/D and D/A, motor controls.

Elec. Physics 480E Independent Study

3 credits

Open to students who have at least a B average and have approval from the Department Chairman. The course work will involve the student in a special off-campus research project under the direction of a faculty member:

ENGLISH**GENERAL EDUCATION COURSES**

The English Department offers the courses listed here to fulfill the general education requirement in composition and literature. The Department of Foreign Languages and Literatures also offers courses that may be taken to fulfill the literature requirement in General Education.

English 101E Writing I

3 credits

Training in exposition; occasional papers in narration. Weekly themes; selected readings to stimulate writing; conferences with instructor. Fall and Spring semesters.

English 102E Writing II

3 credits

Writing assignments based upon readings in literature; the research paper. Weekly themes; conferences with instructor. Fall and Spring semesters.

English 160E Literature and the Sexes

3 credits

A study of literature as a reflection of the different ways women and men are shaped by their society and of the ways they have related to each other in the private and public spheres. Short critical papers.

English 161E The Experience of Literature

3 credits

An examination of selected fiction, poetry, and drama, and the way in which the form of a work interacts with its content. Emphasis is placed upon the student's ability to read with increased taste, perception and pleasure. Short critical papers. Fall semesters.

English 162E Concepts of Heroism

3 credits

A discussion of the hero as a phenomenon that has appeared in various forms in literature from the earliest times to the present. Short critical papers. Fall semesters.

English 164E Works of Major Authors

3 credits

An introduction to the works of several major figures who, because of their timeless appeal, have continued to attract and excite readers through the centuries. Readings will be drawn from English and American authors. Short critical papers. Fall semesters.

English 166E American Dreams, American Nightmares

3 credits

A study of the literary expression of the pioneer "dreams" of progress and freedom, and the "nightmares" they became in the face of war, poverty, discrimination, and the industrial and technological revolutions. Short critical papers. Spring semesters.

English 167E Literary Masterpieces

3 credits

A selection of literary masterpieces from all genres ranging over several historical periods. At least two-thirds of the works will be drawn from the writings of classical English and American authors. Short critical papers. Spring semesters.

English 168E The Modern Condition

3 credits

An examination of the writer's response to the complexities of life in the twentieth century and to man's ability or inability to deal with social and personal problems. Major emphasis will be placed on modern and contemporary British and American literature. Short critical papers. Spring semesters.

ENGLISH**Charles V. Kelly, M.A., Chairman**

Required for Major in English: 15 courses

- English 103E, 201E, 202E, 221E, 222E, 325E.
- One course selected in each of the following groups:
English 210E, 301E, or 302E; 311E or 328E; 312E or 313E; 340E or 343E.
- Two period courses chosen from English 322E, 323E, 327E, 329E, 330E, or 332E.
- Three elective courses in literature.

English 010E Fundamentals of English Composition

No credit

A review course in grammar and composition intended for those who show by examination that they are not fully prepared for English 101E. This course is not intended for students for whom English is a second language. Fall and Spring semesters.

English 020E College Reading and Study Skills

No credit

Concentration on methods of improving reading and study skills. Attention is given to the development of vocabulary, mechanics of good reading habits, the formulation of study habits and schedules, and the strategies of test taking. Fall and Spring semesters.

English 101E Writing I

3 credits

Training in exposition; occasional papers in narration. Weekly themes; selected reading to stimulate writing; conferences with instructor. Fall and Spring semesters.

English 102E Writing II

3 credits

Writing assignments based upon readings in literature; the research paper. Weekly themes; conferences with instructor. Fall and Spring semesters.

English 103E Introduction to Fiction

3 credits

Reading, analysis, and discussion of short fiction.

English 104E Effective Writing

3 credits

Prerequisite, written approval of Evening Director of Admissions

A course for those who need additional instruction and experience in writing. Although the course focuses primarily on the individual needs of the student, class instruction provides opportunities for emphasis on particular forms and conventions of business and academic writing. Individual conferences.

English 201E Introduction to Poetry

3 credits

A study of the uses of language in English poetry—meter, metaphor, symbol, and other linguistic features—and of the major conventional forms of English poetry. Fall, 1984.

English 202E Introduction to Drama

3 credits

Training for literary understanding and appreciation through a study of drama as an art form. Fall, 1983.

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| English 204E Women and Literature | 3 credits |
| An examination of the ways in which women have been represented in British and American literature, exploring the cultural and historical origins of those representations. Fall 1983, Spring 1984. | |
| English 205E Writing IV | 3 credits |
| Prerequisite, English 102E | |
| An exploratory course that permits students to discover and develop talent in various kinds of writing: essays, articles, and reviews. Attention to a writer's methods and resources. | |
| English 207E Creative Writing I | 3 credits |
| Workshop in writing and evaluating of original fiction and verse. | |
| English 208E Writing for Business | 3 credits |
| Prerequisite, English 102E | |
| Provides instruction in planning and executing effective business writing. Students learn to write the documents required of them as professionals: letters, resumes, memo proposals, abstracts, and reports. Fall 1983, Spring 1984. | |
| English 210E Language and Prejudice | 3 credits |
| A study of how language affects the way we view ourselves and others in our culture. Case studies of language in relation to sexism, racism, and politics, supplemented by introductory concepts of language systems and stylistic analysis. Fall, 1983. | |
| English 221E Literature of England — Part 1 | 3 credits |
| A study of the literary movements and forms from the Old English period to the decline of Neoclassicism, with concentration on representative authors and works. Fall, 1985. | |
| English 222E Literature of England — Part 2 | 3 credits |
| A continuation of English 221E, beginning with the Pre-Romantics and extending through the Edwardians. Spring, 1986. | |
| English 225E Shakespeare's Art and Times | 3 credits |
| Readings in Shakespeare's plays, emphasizing his success as a writer for the stage. Some consideration of the cultural background. A course designed with the non-English major in mind. Fall, 1984. | |
| English 254E Oral Communication | 3 credits |
| Speech composition, audience psychology, and technique of delivery; emphasis on practical speaking experience. Fall and Spring semesters. | |
| English 256E Dynamics of Communication | 3 credits |
| A course in which students, through lectures, demonstrations, and laboratory experiences, learn current theories of communication and improve their skills in communicating personally and through media. Group and individual analysis of the dynamics of communication processes. (Formerly, "Communication Theory and the Media.") | |
| English 257E Introduction to Mass Media | 3 credits |
| Investigation of newspapers, magazines, radio, television, and film as mass media. Influence of the medium on content. Internal and external efforts at regulation. | |
| English 259E The Film as Art | 3 credits |
| Study of selected films and discussion of cinematographic techniques involved. Carries lab fee. Spring, 1985. | |
| English 301E History of the English Language | 3 credits |
| Origins and development of modern English from Old and Middle English; dialects and dialect geography. May be used to meet a linguistic requirement. Fall, 1985. | |

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| English 302E Introduction to Linguistics | 3 credits |
| Modern theories about the nature of language and new techniques for grammatical analysis. An attempt is made to apply the principles of linguistics to the teachings of English and of foreign languages. Fall, 1984. | |
| English 305E Creative Writing II | 3 credits |
| A continuation of English 207E. Offered in response to student interest. | |
| English 306E Creative Writing III | 3 credits |
| A continuation of English 207E or 305E. Offered in response to student interest. | |
| English 311E The Contemporary British and American Novel | 3 credits |
| A study of the major novelists of the present century in England and America; structure and trends. Fall, 1985. | |
| English 312E Readings in Modern Drama | 3 credits |
| A study of selected plays of the modern theatre with an emphasis on the forces which have shaped the drama of England, Ireland, and America. Spring, 1985. | |
| English 313E Contemporary Poetry | 3 credits |
| An examination of representative 20th century poetic practice in English. | |
| English 314E Modern World Literature | 3 credits |
| Readings—ranging through novel, poems, plays—in works by great Continental writers including Tolstoi, Undset, Gide, Mann, Pasternak, Lorca, Mauriac, Rilke, Unamuno and others. | |
| English 315E Major Themes in Western Literature | 3 credits |
| A study of selected titles from the liberal tradition of the Western world in terms of such magnet themes as God, Man, Nature, Revolution, War, and Peace, Love, Truth, Art. Basically a discussion and independent-discovery course. | |
| English 322E Chaucer and His World | 3 credits |
| Readings in <i>The Canterbury Tales</i> ; selected short readings from medieval drama, romance, and allegory. Fall, 1984. | |
| English 323E Renaissance Literature | 3 credits |
| The intellectual, political, religious, and scientific ferment that accompanied the birth of Humanism and the death of the Medieval order as expressed in the works of representative writers. Spring, 1985. | |
| English 325E Shakespeare | 3 credits |
| Intensive study of selected poems and plays, including tragedies, comedies, and chronicles, exploring the dramatic, literary, and historical dimensions of his art. Fall 1983, Spring 1986. | |
| English 327E Restoration and 18th Century Literature | 3 credits |
| A consideration of the literary theories of the neoclassical periods and study of the works of representative writers. Fall, 1985. | |
| English 328E Roots of Modern Fiction: The Novel to 1900 | 3 credits |
| Historical development of the genre, Defoe to Hardy. Analysis of structure and themes. Fall, 1983. | |
| English 329E English Literature of the Romantic Period | 3 credits |
| A historical survey of Coleridge, Wordsworth, Byron, Shelly, Keats and their contemporaries. Spring, 1986. | |
| English 330E English Literature of the Victorian Period | 3 credits |
| The chief literary figures of the period—Tennyson, Arnold, Browning, Hopkins, Carlyle, Newman, Ruskin—and their contemporaries placed against their milieu. Spring, 1984. | |

English 332E Modern British Literature 3 credits
Drama, fiction and poetry, beginning with Shaw and Yeats and covering the major figures up to the present, with some attention to the cultural, social, and artistic influence which shaped this literature.

English 340E American Literature: 19th Century 3 credits
Romantic Movement, Rise of Realism, and Naturalism. Representative readings in those movements and in all forms except drama. Fall 1983, Fall 1985.

English 343E American Literature: 20th Century 3 credits
Survey of developments in poetry, fiction, and criticism, including representative works of such writers as Hemingway, Fitzgerald, Faulkner, Frost, Eliot, Steinbeck, and selected representatives of the 1950's and 1960's. Spring, 1985.

English 353E Writing for the Media 3 credits
Development of writing techniques responsive to the demands of print and nonprint media. Analysis of the writing styles found in documentary reporting, advertising, and entertainment formats of the media. Concentration, by semester, on news writing and advertising copy or script writing.

English 356E Television Production 3 credits
Introduction to the planning, production, and editing methods of electronic communication. Includes pre-production scripting and participation in production of videotaped shows. Carries lab fee.

English 357E Broadcasting in America 3 credits
Prerequisite, English 257E
A study of the structure of broadcasting in America and of its interaction with society.

English 401E Literary Theory and Criticism 3 credits
An introduction to theories of literary structure and literary value; exercises in the description and evaluation of literary works; reports on assigned readings.

English Special Topics 3 credits
Special studies on a particular literary topic. The subject matter will vary from term to term. Offered in response to student interest.

FINANCE **Robert Macaulay, M.B.A., Chairman**

The Professional Option in Finance consists of four courses beyond the introductory courses. You are advised to consult with the Department Chairman in planning your major concentration and your roster.

Finance 120E Personal Finance 3 credits
A review of critical aspects of personal financial management; methods of payment, savings, insurance, borrowing, and retirement. Not accepted as a course in fulfillment of the professional option in Finance.

Finance 201E Principles of Finance 3 credits
Prerequisites, Economics 101E and 102E
The nature and concepts of money and credit; the financial structure of the United States and the sources of credit; effects of Federal Reserve and U.S. Treasury actions on financial institutions. Fall and Spring semesters.

Finance 202E Corporation Finance

Prerequisite, Accounting 101E and 102E

3 credits

An introduction to financial management principles which include ratio analysis, financial forecasting, capital budgeting and structure along with cost of capital and the acquisition of funds in debt and equity markets. Fall and Spring semesters.

Finance 301E Introduction to Investments and Securities Markets

Prerequisite, Finance 201E

3 credits

A study of the stock market, its trading operations and regulations. Development of investment policies for personal programs as compared to institutional uses of funds. Fall semesters.

Finance 302E Investment Analysis and Portfolio Management

Prerequisite, Finance 301E

3 credits

Development of fundamental techniques of security analysis to determine investment characteristics and evaluate existing holding of securities. Spring semesters.

Finance 304E Advanced Corporation Finance

Prerequisite, Finance 202E

3 credits

Case studies and critical analysis of current literature in specific areas of financial management.

Finance 307E Credit and Collections

Prerequisite, Finance 201E

3 credits

Detailed study of the organization and management of a credit department, investigation techniques, principles of statement analysis, collection methods and the legal aspects of bankruptcy and receivership in credit work. Spring semesters.

Finance 407E International Finance

Prerequisites, Ecn 101E and 102E, Fin 201E

3 credits

The theory and fundamental concepts of international trade are covered, along with their evolution. Analysis of current events augments the course.

FOREIGN LANGUAGES AND LITERATURES**GENERAL EDUCATION COURSES**

The Department of Foreign Languages and Literatures offers the courses listed here to fulfill the general education requirement. The English Department also offers courses that may be taken to fulfill the literature requirement in general education.

CLASSICS**Classics 161E Greek Classics in English**

3 credits

The literary history of Greece; significant Greek classics read and discussed. Knowledge of Greek not required. Texts in English. Short critical papers. Fall semesters.

Classics 162E Latin Classics in English

3 credits

The literary history of Rome and the influence of Latin literature on western thought, including, its indebtedness to the literature of Greece. Significant Latin classics read and discussed. Knowledge of Latin not required. Texts in English. Short critical papers. Spring semesters.

FRENCH**French 161E Ideals and Ironies: Modern French Literature in English**

3 credits

The rise of modernism as seen through some of the major works of the 19th Century French literature: Stendhal, Flaubert, Nerval, Baudelaire, Rimbaud, Mallarme, Huysmans and Jarry. Texts in English. Short critical papers.

French 162E Revolt and Revolution: Contemporary French Literature in English

3 credits

A study of man's attempt to deal with despair and inauthenticity in France during the 20th Century as seen in some of the major works of the period: Apollinaire, Gide, Breton, Sartre, Beckett, Ionesco, Robbe-Grillet and Michaux. Texts in English. Short critical papers.

GERMAN**German 161E The German Mind: Modern German Literature in English**

3 credits

Selected works of prominent German writers of the Classical and Romantic ages. A composite view of the German mind of the 18th and 19th centuries. Readings from Goethe, Schiller, Kleist, Heine, and Keller. Texts in English. Short critical papers.

German 162E The German Dilemma: Contemporary German Literature in English

3 credits

Selected works of prominent German writers of the 20th century. A study of the authors' attempts to restore values to life and their search for authenticity. Readings from: Mann, Kafka, Rilke, Brecht, and Grass. Texts in English. Short critical papers.

SPANISH**Spanish 161E Reality Vs. Illusion: Hispanic Literature in English**

3 credits

Varying facets of a persistent theme of human existence evolve in readings from *Lazarillo*, and *Don Quixote*, and selections by Calderon, Cortazar, Borges and Cela. Texts in English. Short critical papers.

Spanish 162E Life and Death: Hispanic Literature in English

3 credits

A persistent theme of existentialism is revealed in *Celestina* and selections by Unamuno, Lorca, Ortega, Fuentes, and Neruda. Texts in English. Short critical papers.

FOREIGN LANGUAGES AND LITERATURES**Bernhardt G. Blumenthal, Ph.D., Chairman****FRENCH****French 101E-102E Elementary French**

3-6 credits

Familiarizes the student with basic rules governing French grammar and phonetics and provides practice in comprehending, speaking, reading, and writing the language.

French 201E-202E Intermediate French

3-6 credits

Review exercises in comprehending, speaking, reading and writing French. Cultural information on France.

GERMAN**German 101E-102E Elementary German**

3-6 credits

Familiarizes the student with the basic rules governing German grammar and phonetics and provides practice in comprehending, speaking, reading, and writing the language.

German 201E-202E Intermediate German

3-6 credits

Review exercises in comprehending, speaking, reading and writing German. Cultural information on German-speaking countries.

SPANISH

Spanish 101E-102E Elementary Spanish

3-6 credits

Familiarizes the student with the basic rules governing Spanish grammar and phonetics and provides practice in comprehending, speaking, reading, and writing the language.

Spanish 201E-202E Intermediate Spanish

3-6 credits

Review exercises in comprehending, speaking, reading and writing Spanish. Cultural information on Spanish-speaking countries.

Spanish 301E-302E Advanced Conversation and Composition 3-6 credits

Intensive oral and written exercises with a view towards improving the student's speaking and writing skills. Students make frequent use of audio aids.

GEOLOGY

Henry A. Bart, Ph.D., Chairman

Geology 101E Physical Geology

3 credits

An introduction to the various physical processes that constantly change the interior and the surface of the earth, including weathering, earthquakes, volcanoes, glaciation, marine erosion, and mountain building. Lecture and laboratory.

Geology 102E Historical Geology

3 credits

An introduction to the evolutionary physical and biological processes that have modified the earth through geologic time. Lecture and laboratory.

Geology 105E Physical Oceanography

3 credits

A study of physical oceanography with emphasis on tides, currents, waves, chemistry of sea water, and geology of ocean basins. Three hours lecture.

HISTORY

Theopolis Fair, Ph.D., Chairman

Required for Major in History: 14 courses

The history major should take 3 courses from each section and 2 seminars. Exceptions must be approved by the Chairperson.

SECTION 1:

Foundation Courses

Designed to provide a broad overview of the past. Viewed as basic foundation courses for all students interested in the past.

History 111E History of Western Civilization to 1500

3 credits

A survey of cultural achievements of ancient civilizations of the Mediterranean Basin, as well as of the medieval Europe, which became part of the heritage of Western or European Civilization.

History 112E History of Western Civilization Since 1500

3 credits

A survey of European History from Renaissance to modern times. Development of national states and other modern institutions in Europe discussed. Socio-economic changes within the European society considered as a background.

History 113E An Introduction to the Afro-Asian Worlds, I

3 credits

An examination of the social, economic, political, and cultural institution of Asia, the Moslem world, tropical Africa and South Africa.

History 114E An Introduction to the Afro-Asian Worlds, II

3 credits

A continuation of History 113E.

History 115E History of the United States to 1865 3 credits

A survey of the American people from colonial days to the Civil War.

History 116E History of the United States Since 1865 3 credits

A survey of the American people with particular emphasis upon industrialization, social change, and the growth of the nation as a world power.

SECTION II:

Chronological Surveys

Designed to provide a detailed examination of a more limited historical period.

History 131E Latin-America: The Colonial Period 3 credits

A survey that treats the Inca, Aztec, and Maya cultures, African influences as well as Spanish and Portuguese contributions to the development of Latin-America. Spring 1987.

History 132E Revolution and Social Change in Latin America 3 credits

Revolutionary movements in Latin America from Independence to the present with special emphasis on Castro, Allende, Peron, Zapata, Vargas, and the military dictators. Fall 1986.

History 135E Ancient Egypt and Greece 3 credits

A survey that stresses the developments of Greek civilization until the death of Alexander the Great. (Formerly, "The Ancient Near East.") Fall 1985.

History 136E The Hellenistic and Roman Worlds 3 credits

A survey that places a special emphasis upon the Roman Republic and the Empire until 476 A.D. Spring 1986.

History 138E The Early Middle Ages 3 credits

A study of the period from 284 A.D. until c. 1000 A.D., emphasizing the syntheses of Roman, Christian, and barbarian cultures. Fall 1986.

History 139E The Later Middle Ages 3 credits

A study of the period from c. 1000 A.D. until the Renaissance, focusing on the social economic, intellectual, and political revival of Europe. Spring 1984.

History 141E Modern Europe to 1870: The Age of Revolutions 3 credits

A survey of Europe centered on the political and social development in Germany and France and the impact of Russia's rise to world power. Fall 1984.

History 142E Modern Europe Since 1870: The Age of Violence 3 credits

A detailed survey of Europe in the last hundred years. Spring 1985.

History 144E Topics in African History 3 credits

An account of the empires, tribes, and states of Africa before European colonialism. Fall 1985.

History 146E East Asia in the Modern World 3 credits

Changes in Modern Asia as a result of the rise of industrialism, urbanism, nationalism, and western influence. Fall 1984.

History 148E Slavic and Eastern European History 3 credits

Examines the rise of Slavic civilization and the present problems of Eastern Europe. Fall 1984.

SECTION III:

Topics Courses

Special in-depth analysis of limited themes and topics.

History 244E History of Philadelphia 3 credits

The historical development of Philadelphia from colonial times to the present, emphasizing the way people lived, the impact of transportation upon city growth, and

the changing nature of industrialization. Lectures combined with field trips. Cost of field trips requires an additional fee. Spring 1984.

History 225E Imperialism in the Modern World

3 credits

A study of the expansion of the western nations into the world of Asia and Africa in the 19th century, and the contraction of western influence in these areas in the 20th century. Spring 1986.

History 228E Women and History

3 credits

From myth to Ms. An introduction to the study of the idea and the ideal of woman and her role in history. Fall 1985.

History 229E The American Woman

3 credits

A survey of the role of women in American culture from Colonial times to the present. Among the topics to be discussed are women on the frontier, women and the law, and the struggle for suffrage. Spring 1986.

History 231E America's Military Past

3 credits

The impact of the American military establishment upon American society, and the formation of defense strategy and foreign policy. Spring 1986.

History 233E The American Immigrant

3 credits

The history of immigration to America and the ethnic impact upon American institutions. Fall 1986.

History 237E The Black Experience in America

3 credits

The main themes in black history from the African experience to the present with special attention given to slavery, protest movements, civil rights, and black achievement. Fall 1984.

History 240E Topics in Modern History

3 credits

An examination of selected topics illustrating the political, social, and cultural history of the modern world. Fall 1983, Spring 1988.

History 242E History of the Western Movement in America

3 credits

A study of the American frontier emphasizing pioneer life, federal Indian policy, and the settlement of the Great Plains and Far West. Fall 1983, Spring 1987.

History 244E Biographical History

3 credits

Investigates important historical events through the role of individual men and women in history. Stresses guided research. Spring 1984.

History 247E Presidential Politics: Roosevelt to Reagan

3 credits

Historical analysis of presidential campaigns from 1900 to 1980, stressing the evolution of political techniques, issues, political parties, and presidential personalities. Fall 1985.

History 249E Directed Readings

3 credits

Readings of basic books relating to a specific historical topic, theme, or era; assignments discussed in seminar-tutorial fashion. Spring 1985.

SECTION IV:

National Courses

A detailed examination of specific eras in national histories. May be taken for distribution with the approval of the Chairperson.

History 302E The American Revolution

3 credits

An intensive analysis of concepts and movements generated in the American colonies which resulted in revolution and separation of the British settlements. Fall 1983.

History 313E Jeffersonian-Jacksonian Democracy

3 credits

A detailed analysis of the development of the American political system in an increasingly democratic society. Fall 1984.

History 315E The Civil War Era 3 credits
A detailed study of the disruption of the Union, stressing the causes, personalities, and human drama of the military events leading to Appomattox. Spring 1985.

History 325E America as a World Power, 1939-1979 3 credits
The growth of government involvement at home and abroad since 1939; reading and analysis of original documents. Fall 1985.

History 329E The Emergence of Modern America, 1877-1913 3 credits
The nationalization of American life, including the building of the railroad network, the rise of industry, the labor movement, immigration, and urbanization. Fall 1984.

History 340E Modern Ireland 3 credits
An examination of the major political, social, and economic developments in Ireland since the Famine of 1845. Spring 1984.

History 347E The United States and East Asia 3 credits
The interrelationship of the United States and the East Asian world in the modern period. Spring 1985.

History 352E Revolutionary Russia from 1917 to the Present 3 credits
A survey of internal conflicts leading to the Revolution and its aftermath. Spring 1986.

History 358E Recent Britain: Empire to Welfare State 3 credits
A detailed analysis of the decay of the Empire, the rise of the welfare state, and the impact of both on English Life. Fall 1983, Fall 1986.

SECTION V:
Seminars

Required of all history majors. These courses are designed to provide the student with an exposure to the methodology of historical research.

History 480-485 Seminars 3-6 credits
Methodological and research courses.

HUMANITIES
Thomas M. Ridington, M.F.A., Chairman

Required for Major in Humanities: 14 courses

Art 101E; Humanities 201E-202E, 221E, 222E, 223E, 325E, 326E, 327E; Music 101E, 110E, or 206E; Sociology 213E; and two semesters of foreign language; controlled elective as approved by Chairman.

Each major is also requested to develop a minor concentration of six courses in either a traditional department or an area of interest. Four of these six courses should be at the 300 level or above.

Humanities 100E Readings: The Humanities 1 credit
Independent reading of five important books in literature, history, and the social sciences. No regular class meetings. Essay examination for Pass-Fail grade. Fall semesters.

Humanities 131E Readings: Readings in Urban America 3 credits
Independent study course comprising readings in history, literature and social sciences dealing with the theme of Urban America. Three regular class meetings. Monthly discussion groups and a final paper aid students in perceiving interdisciplinary relationships. Team-taught. Pass-Fail grade only. (Formerly, Hum. 331E.)

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| Humanities 132E Readings: Ethnicity in American Life | 3 credits |
| Independent study course dealing with the theme of Ethnicity in American Life. Monthly discussion groups and a final paper. Team-taught. Pass-Fail grade only. (Formerly, Hum 332E.) | |
| Humanities 201E Introduction to Science, 1 | 3 credits |
| Focuses upon the development of the classical world picture. Implications of science for society are stressed. No background in science or mathematics is assumed. Terminal course not intended for science majors. Fall semesters. | |
| Humanities 202E Introduction to Science, 2 | 3 credits |
| Focus on Time in the natural world: biological evolution theory and the history of the universe. Does not assume background in science or mathematics or Humanities 201E. Terminal course not intended for science majors. Spring semesters. | |
| Humanities 221E The Ancient World | 3 credits |
| Influence of the ancient Near East upon Greek thought. Readings and discussion focusing upon the rise of the city-state and the formation of Greek culture from Homer to Aristotle. Attention to the discovery of the individual mind. The rise of tragedy, and the tension between myth and philosophy in ancient society. Cross-disciplinary readings. Fall 1983. | |
| Humanities 222E The Medieval Mind | 3 credits |
| An examination of the sources of Medieval culture from the collapse of the Roman Empire to the Renaissance. Includes the search for order and authority in the Church and state, the rise of the universities, the questioning of nature, and the growth of vernacular culture. Emphasis upon connections and tensions in the syntheses of pagan and Christian cultures. Cross-disciplinary readings. Spring 1984. | |
| Humanities 223E The Renaissance Vision, the Roots of Modern Society | 3 credits |
| An investigation of the transformation of a God-centered Medieval consciousness into a new sense of human potential and individual achievement, as reflected in the new freedom in the arts, the secularizing of politics, and the dedication of learning to the elevation of both the individual and society. Cross-disciplinary readings. | |
| Humanities 325E Birthright for the Modern World | 3 credits |
| An exploration of the intellectual and moral crisis from Descartes to Nietzsche prompted by the rise of scientism and the loss of absolutes in theology and metaphysics in early modern Europe. Focus upon the paradoxical belief in science, reason, and progress in an age of subjectivity and secularism. Cross-disciplinary readings. (Formerly, Hum 225E "The Modern Crisis") Spring 1984. | |
| Humanities 326E From Revolution to Depression | 3 credits |
| An investigation of social contract theory and the pre-industrial roots of liberalism. An exploration of bourgeois culture as it emerges from the rise of nationalism and the Industrial Revolution. Attention to the spirit of revolution and the various critics of middle class culture from Rousseau and Dickens to Marx. Cross-disciplinary readings. (Formerly, Hum 226E "The Bourgeois Project") | |
| Humanities 377E Our Modern World | 3 credits |
| An analysis of the Twentieth Century's efforts to affirm human dignity while confronting the growth of alienation, the loss of values, and the threat of dehumanization in the arts, education and society. Attention to the search for alternatives from Thoreau to Skinner. Cross-disciplinary readings. (Formerly, Hum 227E "The Age of Anxiety") Fall 1983. | |

INSURANCE **Charles W. Huntoon, M.B.A., C.L.U., Chairman**

Insurance 301E Insurance Principles

3 credits

Principal risks to which individuals are exposed and various means of dealing with risk, including insurance, risk retentions, self-insurance, and loss prevention. Examines responsibilities and activities for treating risk at three levels: (1) personal and family, (2) employer, and (3) government.

Insurance 302E Life Insurance

3 credits

Problems of and alternative techniques for insuring of human life values considered from the differing viewpoints of the company, the economy, and the consumer. Topics include: financial needs in the life cycle of the family, estate planning, elements of business insurance such as group insurance and pension planning, mortality, underwriting, and regulation of reserves.

Insurance 303E Property and Liability Insurance

3 credits

Methods of analyzing property risks, such as fire, marine, and transportation; all types of liability. Contracts and coverages available to handle these risks are examined.

Insurance 304E Employee Benefit Planning

3 credits

Employee benefit programs and their economic and social implications. Discussion of pensions, social insurance, individual and group health programs, and group life insurance. Some analysis of business life risks.

LAW **Robert W. Suter, J.D., Chairman**

Law 201E Law of Contracts

3 credits

Introduces the students to the more common rules and principles governing business transactions; the rights and duties of individuals resulting from contractual and quasi-contractual obligations. Fall and Spring semesters.

Law 202E Legal Environment of Business

3 credits

A study of the politico-legal framework within which business operates. The nature, formation, and application of law to business; the historical development and present constraints upon the decision making; the interface of business and the whole of its legal settings. Legal procedure, judicial, legislative, and administrative law considered in perspective. Fall and Spring semesters.

Law 301E Law of Agency, Partnerships, and Corporations

3 credits

Common and statute laws relating to the creation, operation, and termination of agencies, partnerships, and corporations. Emphasis on the Common Law of Agency, and the Business Corporation Law of Pennsylvania. Fall semester—Even years.

Law 302E Law of Sales and Sales Financing

3 credits

Common and statute laws relating to the sale, purchase, transfer, and bailment of personal property. Emphasis on the Uniform Commercial Code relative to sales, sales financing, and secured transactions. Includes the legal relationship of bailor and bailee, shippers, and common carriers.

Law 402E Law of Negotiable Instruments

3 credits

Application of the common law of the Uniform Commercial Code to checks, promissory notes, and bills of exchange. The use of commercial paper in security transactions and in the creation of credit. The laws of principal and surety, and insurer and insured as related to the use of commercial paper. Spring semesters—Odd years.

MANAGEMENT
William B. Fynes, M.B.A., Chairman

The Professional Option in Management consists of the following courses beyond the introductory courses.

Concentration in Operations Management — Management 226E, 304E or 305E, 350E, 401E, 480E. (Also recommended are Psy 101E, 360E, 460E, and Soc 203E.)

Concentration in Organizational Behavior — Management 303E, 350E, 401E, 404E, 480E, P and L Relations 302E. (Also recommended are Psy 101E, 360E, and Soc 203E.)

Concentration in Industrial Relations — P and L Relations 301E, 302E, 303E, 401E, Management 401E.

Management 100E Readings in Management

1 credit

Independent reading of set list of important works. One class meeting. Paper submitted for Pass-Fail grade. Spring semester.

Management 211E Organizational Behavior

3 credits

Business organizations analyzed in an interpersonal setting with emphasis on the importance of work group behavior, individual behavior, supervisor behavior, intergroup behavior, and organizational change. Relevant findings of behavioral science examined and related to work and productivity in a modern organization. Case discussions and readings. Fall and Spring semesters.

Management 221E Management of Automation

3 credits

Develops the student's ability to understand and effectively utilize management information produced by computers.

The course is divided into three major sub-divisions. First: the history and development of electronic data processing (EDP); vocabulary and terminology of the EDP field; computer characteristics; trends in EDP technology; programming; and system design. Second: the selection of hardware configuration and software packages; control of automation projects and economic justification analysis for EDP projects. Third: the design and utilization by management of the output from computers; and the organizational and technical problems confronting managers when they deal with the Computer and Systems function in a business. Spring semesters - Odd years.

Management 225E Introduction to Systems

3 credits

Prerequisite, CSC 151E
Identifies the decision requirements for the management of an organization, considering both formal and informal information systems. Introduces the concept of systems, their role in an organization, and system analysis. The design of a comprehensive information system used to facilitate decision making is analyzed. Fall semesters - Even years.

Management 226E Management Control Systems

3 credits

The process by which management translates organizational objectives and strategy into specified goals for attainment in a specified period of time, and secures the efficient accomplishment of these goals. The structure and operation of control systems that facilitate this process and behavioral implications of these systems. Topics include: performance measurement, profit and investment centers, discretionary costs, the planning-programming-budgeting-reporting cycle, and project management in a variety of organizational settings. Fall and Spring semesters.

Management 301E Quantitative Methods in Management

3 credits

Prerequisite, Mth 101E, 111E, and Ecn 213E
Techniques of quantitative decision making applied to management problems.

Operations research, decision theory and mathematical programming considered in depth. Emphasis on the queuing theory, network design and model building. Suboptimization explored and comprehensive problems amenable to solution by quantitative methods are examined.

Management 302E Operations Management

Prerequisite, Mth 101E, 111E, and Ecn 213E 3 credits

Focuses on effective management of operations which typically involve a large proportion of the assets, personnel and other resources of organizations producing goods or services. Provides an opportunity to develop skills, judgment, and understandings for the management task of analyzing, improving, and operating productive systems. Primary topics are managerial understanding of equipment and process technologies, work force management, operations planning, scheduling and control, quality and reliability, technological change, and project-oriented operations. Fall and Spring semesters.

Management 303E Creative Thinking and Decision Making

Prerequisites, Management 211E and 302E 3 credits

The application of the concept of creative thinking. Methods, principles, and techniques of how to think creatively. The use of cases for realistic application of the techniques. Comprehensive reports are required. Fall semesters.

Management 304E Production Planning and Control

Prerequisite, Mgt 302E 3 credits

Principles and techniques of production and inventory control. Major categories include Inventory Control Systems, Forecasting, Production Planning and Control, Scheduling and Design of Production Control Systems. Supportive techniques for these topics include: Exponential Smoothing, EOQ, Order Point Calculations, Monte Carlo Simulation, Product Mix Problems, Aggregate Planning, and Pert, Applications to Manufacturing Industries. The impact of Automation and Electronic Data Processing on Production Management. Fall and Spring semesters.

Management 305E Planning and Control in Service Industries

Prerequisite, Management 302E 3 credits

Selected topics in planning and control, such as inventory control systems, PERT, scheduling, forecasting, queuing theory, system design. Applications in several service institutions like hospitals, airlines, banks, post offices, schools, telephone companies, utilities, etc. **Not to be taken if Management 304E is taken.** Fall semesters - Even years.

Management 350E Effective Communications 3 credits

The art of interpersonal communication within the business world. Attention given to listening and empathy, discussion and decision making, confrontation and conflict management, creative goal-setting, individual and company growth. Fall semesters.

Management 401E Business Policy I: The Formulation of Corporate Strategy

Prerequisite, Completion of the Business Core and Senior Standing 3 credits

Trains the student in the integration and coordination of the functional areas of business (Marketing, Finance, Production, etc.) Develops the student's ability to formulate goals and strategies for the firm. Expands the student's awareness of the role of the general manager. Uses case studies and a management simulation game to present and develop the concepts of corporate strategy. Fall semesters.

Management 404E Small Business Administration

Prerequisite, Completion of the Business Core 3 credits

Combines theory and practice. Covers organization, development, and management control of a small business through its various stages of growth. Emphasizes constraints that affect small business operation. Utilizes case studies and individual/group research projects. Spring semesters.

Management 405E Business Policy II: The Implementation of Corporate Strategy

Prerequisite, Mgt. 401E

3 credits

Develops concepts and skills essential to the implementation of corporate strategy. Focuses on (1) the interdependence of the formulation of a corporate strategy and its subsequent implementation, and (2) the role which organizational structure and processes play in the successful implementation of a strategy. Uses case studies, group process exercises and films to expose the student to the role of the general manager in the implementation of the strategy of his firm. Spring semesters - Odd years.

Management 480E Seminar on the Development of Management Skills

Prerequisites, Completion of Business Core and Senior Standing

3 credits

Stimulates the student's thinking in the non-technical aspects of business, and develops the skills required of an administrator. The role of power, motivation and control, within the organizational structure, are the central focus of the research and discussion activity of the seminar. Spring semesters.

PERSONNEL AND LABOR RELATIONS

P. and L. Relations 301E Labor Problems in America

3 credits

The roles played by unions, employers and the government in the solution of the major economic, and noneconomic problems of the worker in the United States. The structure, philosophy and function of management in the area of collective bargaining are analyzed. The role of the government in employee management relations examined. Various solutions to the problems of unemployment, substandard wages and personal insecurity are explored and their effectiveness evaluated. Existing and proposed labor legislation surveyed. Fall semesters.

P. and L. Relations 302E Personnel Administration

3 credits

The personnel function from the viewpoint of both the line manager and the staff personnel administrator. Recruitment, assignment, utilization and development of human resources of an organization; contribution of various disciplines to personnel administration. The human problems and management and worker, as well as the techniques of personnel management, are explored in depth. Fall and Spring semesters.

P. and L. Relations 303E Labor Legislation

Prerequisite, P. and L. Relations 301E

3 credits

The objectives and actions of the federal and state governments in the field of labor management relations as seen through the more important pieces of labor legislation. Topics include application of the early legal doctrines to unions, laws governing union activities, the law of collective bargaining, the National Labor Relations Act, the Railway Labor Act, and the Labor-Management Reporting and Disclosure Act of 1959. State labor legislation reviewed. Fall semesters.

P. and L. Relations 304E Wage, Salary and Benefit Administration

3 credits

Job evaluation techniques for inclusion into a Salary and Wage Administration program. Treats practical application including preparation of position descriptions, evaluation of job factors, using standard plans, review of available data, and reaction of applicable wage and salary structures. Fall and Spring semesters.

P. and L. Relations 401E Collective Bargaining

Prerequisite, P. and L. Relations 301E or 302E

3 credits

External and internal factors influencing the establishment of trade agreements and application of the provisions to day-to-day employer-employee problems. Topics include: functions of collective bargaining, its application in day-to-day operations, its characteristic processes and procedures, and the effect of the law on negotiations and the resulting trade agreement. Topics are explored, analyzed and answered through a study of authentic cases drawn from industry. Outside reading is required. Spring semesters.

MARKETING

George R. Swoyer, M.B.A., L.H.D., Chairman

The Professional Option in Marketing consists of 4 courses beyond the introductory courses:

- Marketing 301E, 302E, 401E, 402E.

Marketing 201E Principles of Marketing

3 credits

Principles and factors relating to the marketing functions in the American economy; the nature, significance and functions of marketing; consumer motivation; behavior and buying problems; wholesaling and retailing of consumer goods; marketing industrial goods and raw materials; market research and merchandise development; buying, selling, price policies and practices; channels of distribution; and governmental relationships to marketing. Fall and Spring semesters.

Marketing 301E Personal Selling

Prerequisite, Marketing 201E

3 credits

The importance and practice of individual selling in the economy. Sales personality, the phases of a sales presentation, types of buyers, and ethics in salesmanship. Spring semesters.

Marketing 302E Advertising

3 credits

Economic and social aspects of advertising, including the important methods and techniques of research which form the basis of any advertisement or advertising campaign; a practical treatment of copy, layout and media; effectiveness of advertising, advertising departments and the advertising agency. Fall semesters.

Marketing 303E Sales Administration

Prerequisite, Marketing 201E

3 credits

The activities of a sales administrator in directing and controlling a sales force; recruiting, selecting, training, compensating, motivating, and supervising salesmen; establishment of sales territories, quotas, and budgets. Fall 1984.

Marketing 304E Industrial Marketing

Prerequisite, Senior Standing

3 credits

Products, services, and administration related to industrial marketing of capital equipment, technology, and commodity items as well as systems. Planning (research sources, analysis, projection) and administration (advertising, promotion, audiences, result measurement), and case study supplemented by conventional lecture and discussion. Spring 1985.

Marketing 401E Marketing Research

Prerequisite, Senior Standing

3 credits

The use of scientific method in the solution of specific marketing problems and in the conduct of general market research studies: methods of marketing research, gathering data, tabulation and analysis, interpretation of results, and report presentation. Spring semesters.

Marketing 402E Marketing Management

Prerequisite, Senior Standing

3 credits

Integrates all other Marketing courses. Study of actual business cases employing managerial approach to marketing, emphasis on decision making and the strategies used by the marketing manager as he adapts his marketing mix to rapidly changing conditions. Fall semesters.

Marketing 404E Wholesaling

Prerequisite, Marketing 201E

3 credits

In-depth study of various types of middlemen, distributors and agents, focusing on their contribution to the distribution channel. Integrated wholesaling and coops and understanding of the functions performed and services offered. (Formerly, "Marketing Middlemen and Channels.") Fall 1984.

Marketing 405E Marketing Channels

Prerequisite, Marketing 201E

3 credits

The marketing approach to physical distribution focusing on transportation, warehousing, channels, physical distribution systems, geography, material handling and planning and their effect on successful marketing. (Formerly, "Physical Distribution.") Spring 1985.

APPLIED MATHEMATICS**Edward J. Nolan, Ph.D., Chairman**

Required for Major in Applied Mathematics: 15 courses

- Computer and Information Science 151E
- Mathematics 120E, 221E, 222E, 240E, 341E, 413E
- Mathematics 322E, three courses out of the following four: Mathematics 321E-325E-424E-427E, two advanced courses in Mathematics selected in consultation with the Department Chairman.
- Physics—Phy. 105E, 106E (fulfilled in Distribution Area 5)

Mathematics 011E Elementary Algebra

No credit

Intended for those not adequately prepared for Mathematics 101E. The course is self-paced; source material is presented on tape; the student has access to a teacher who provides additional individualized diagnostic testing and instruction. Topics include: sets, signed number, fractions, exponents, operations on algebraic expressions, equations, and function. Fall and Spring semesters.

Mathematics 021E College Algebra

No credit

Designed to develop a mastery of the fundamental concepts of algebra. Intended for those who do not qualify for Mathematics 113E. Topics are factoring, fractions, exponents, radicals, graphing, linear and quadratic equations, and problem solving. Fall and Spring semesters.

Mathematics 101E Intermediate Algebra

3 credits

Algebraic operations, linear and quadratic equations, exponents and radicals, elementary functions, graphs, systems of linear equations. Note: Not to be taken to fulfill distribution or major requirements. Students who have other college credits in mathematics must obtain permission of the department chairman to enroll in this course. Fall and Spring semesters.

Mathematics 111E Introduction to Calculus

3 credits

Fundamentals of differential calculus, concentrating on algebraic, exponential, and logarithmic functions with applications of calculus to the management and social sciences. Intended for business and liberal arts majors who have had at least two years of high school algebra. Fall and Spring semesters.

Mathematics 112E Calculus and Finite Mathematics

Prerequisite, Mathematics 111E

3 credits

Continuation of Mathematics 111E. Topics include integral calculus, permutations, combinations, elementary probability, and linear algebra. Spring 1984; thereafter, Fall and Spring semesters.

Mathematics 113E Algebra and Trigonometry

Prerequisite, Mathematics 021E or a qualifying score in the Mathematics Achievement Test.

4 credits

Designed to permit students entering with sufficient background in mathematics to complete their calculus preparation in one semester. Topics include—an introduction to sets, inequalities, sequences, limits, algebraic structures and complex numbers. Comitantly, it is expected that the student will pursue certain topics by himself e.g., logarithms, exponents, oblique triangles. Fall and Spring semesters.

Mathematics 120E Analytic Geometry and Calculus—Part 1

Prerequisite, Mathematics 113E or permission of Dept. Chairman 4 credits

The first of a series of three courses in analytic geometry and calculus in which an integrated treatment is given concepts of analytic geometry; graphs of functions; the derivative with application to curve tracing; maxima and minima; velocity, acceleration and rates; differentials; approximate values; integration. Fall and Spring semesters.

Mathematics 221E Analytic Geometry and Calculus—Part 2

Prerequisite, Mathematics 120E 4 credits

Topics considered are the transcendental functions, methods of integration, improper integrals, plane analytic geometry and polar coordinates. Fall and Spring semesters.

Mathematics 222E Analytic Geometry and Calculus—Part 3

Prerequisite, Mathematics 221E 4 credits

Parametric equations; vector functions and their derivatives; partial differentiation and applications; infinite series. Spring semesters.

Mathematics 240E Linear Algebra

Prerequisite, Mathematics 120E 3 credits

Matrix algebra; determinants; finite dimensional vector spaces; characteristic roots and characteristic vectors; introduction to abstract vector spaces and linear transformations. Fall semesters.

Mathematics 321E Advanced Calculus

Prerequisites, Mathematics 222E, 240E 3 credits

Line integral; the differential; continuation of vector calculus, theorems of Green, Gauss and Stokes; multiple integrals; uniform convergence; series of real-valued functions. Spring semester—Even years.

Mathematics 322E Ordinary Differential Equations

Prerequisite, Mathematics 222E 3 credits

An extended treatment of ordinary differential equations with applications to the physical sciences. Topics are: linear differential equations with constant and variable coefficients; simultaneous equations; series solutions. Spring 1984.

Mathematics 325E Topics in Applied Mathematics—Part 1**Orthogonal Functions and Boundary Value Problems**

Prerequisite, Mathematics 322E 3 credits

Orthogonal functions, Fourier Series, and integrals; Laplace Transforms; boundary value problems; Bessel functions and Legendre polynomials with applications. Fall semesters—Odd years.

Mathematics 333E Modern Geometry

Prerequisite, Mathematics 341E, or permission of the instructor 3 credits

Emphasis is placed upon the axiomatic method; selected topics prepare the student for further work in mathematics and physical science. Topics include number theory, set and group theory, vector spaces and elementary field theory.

Mathematics 341E Abstract Algebra

Prerequisite, Mathematics 222E, 240E 3 credits

Emphasis is placed upon the axiomatic method; selected topics prepare the student for further work in mathematics and physical science. Topics include number theory, set and group theory, vector spaces and elementary field theory. Spring semester—Odd years.

Mathematics 413E Probability and Statistics

Prerequisites, Mathematics 222E, 341E 3 credits

Probability and statistics based on set theory. Sample spaces, binomial distribution, correlation, sampling theory, random variables. Fall 1983, Fall 1986.

Mathematics 421E Numerical Analysis

Prerequisite, Mathematics 322E, or taken concurrently; or permission of the instructor. 4 credits

Difference methods and polynomial curve fitting; method of least squares; numerical solution of algebraic and transcendental equations; numerical differentiation and integration; numerical solution of ordinary differential equations. Fall 1984, Fall 1987.

**Mathematics 424E Topics in Applied Mathematics—Part 2
Complex Variables**

Prerequisite, Mathematics 325E

3 credits

Analytic functions; exponential and algebraic functions and their geometry. Cauchy-Goursat Theorem, Taylor and Laurent series, residues and poles, conformal mapping and applications, analytic continuation, inverse transforms by contour integration. Spring 1984.

Mathematics 427E Topics in Applied Mathematics—Part 3

Prerequisite, Mathematics 325E

3 credits

Special functions of mathematical physics; integral transforms, Laguerre, and Hermite polynomials; applications to physical problems. Spring semester—Even years.

MILITARY SCIENCE**LA SALLE COLLEGE RESERVE OFFICER TRAINING CORPS
(ROTC) PROGRAM**

**LTC Lawrence A. Ritcey, M. Ed.
Professor of Military Science**

PURPOSE

The La Salle College ROTC program is designed to train students in military leadership and management. Qualified full-time students can earn a commission as a lieutenant in the Active Army, Army Reserve or State National Guard while concurrently satisfying academic requirements for a baccalaureate or graduate degree. Advanced ROTC courses are offered for evening students. During the Advanced Course the student receives instruction designed to enhance leadership abilities, reinforce managerial, supervisory and accountability skills and further develop the individual's foundation of military knowledge. The highlight of this instruction is the student's attendance at the six week ROTC Advanced Camp. The camp is a series of rigorous leadership challenges in which the students compete with cadets from 108 other colleges and universities for honors in leadership, land navigation, physical fitness, military skills and marksmanship. The camp is located at Fort Bragg, NC and the student receives approximately \$600.00 while attending. Additionally, students receive \$1,000.00 per year while in Advanced ROTC. When the student completes Advanced Camp and all ROTC course requirements, he or she is commissioned an Army Second Lieutenant.

PREREQUISITES

The Advanced Course is open to any qualified full-time graduate or undergraduate student who has at least two years of academic study remaining and has completed the Basic Course or its equivalent. Basic Course equivalency can be granted for prior Active, Reserve or National Guard military service. Additionally, students can receive this equivalency by attending a six-week ROTC summer Basic Camp at Fort Knox, Kentucky. Following a successful completion of this challenging program, the student is eligible to

enter the ROTC Advanced Course. Attendance at the ROTC Basic Camp incurs no military obligation or requirement to enroll in the ROTC Advanced Course.

CURRICULUM

Military Science 301E Advanced Military Science III Military Leadership

3 credits

Introductory course in leadership examining the principles of leadership. Includes a case study of the junior army leader, his roles and responsibilities. One hour leadership laboratory mandatory.

Military Science 302E Advanced Military Science III Military Leadership (Cont.)

3 credits

Analyzes the role of the leader by examining small unit operations of an infantry platoon. After studying the theory of operations, students are placed in leadership positions and given situations to analyze. One hour leadership laboratory mandatory.

Military Science 401E Advanced Military Science IV, Principles of Military Management

3 credits

Analyzes the principles and ethics of military management. The use of case studies and organizational simulations stresses the art of communications in management, studies command and staff responsibilities and relationships, and explores the ethics of the military officer. One hour leadership laboratory mandatory.

Military Science 402E Advanced Military Science IV, Principles of Military Management (Cont.)

3 credits

A continuation of MSC 401. Includes a study of military law, military correspondence, written and oral communications skills, logistics, maintenance and administration. One hour leadership laboratory mandatory.

MUSIC

Music 101E The Art of Listening

3 credits

Concise introduction to the essential elements of music, focusing on its language, forms, styles and genres. Designed to encourage perceptive and involved listening as well as investigating how music is put together. Understanding possible meanings of specific statements in music is also an objective. Ideally suited to the general student as an introductory course.

Music 110E Jazz

3 credits

Jazz from New Orleans Dixieland to contemporary large bands. The evolution of jazz as an art of style and form including Dixieland, Ragtime, Boogie-Woogie, Swing, Bop, Cool, Funky and some recent jazz-rock innovations. Live guest performances in class. No prerequisite; highly recommended as an introductory course for non-music majors. (Formerly, Music 222E.)

Music 206E The Symphony

3 credits

Orchestral music from Bach to Stravinsky. A survey of orchestral literature beginning with the orchestral suite and concerto grosso, continuing on through the classical solo concerto (Mozart) and symphony (Beethoven) as well as the romantic overture (Wagner) and tone poem (R. Strauss). No prerequisite; excellent introductory course for non-music majors. (Formerly, Music 221E)

LA SALLE COLLEGE BACHELOR OF SCIENCE IN NURSING PROGRAM

**Gloria Ferraro Donnelly, R.N., M.S.N.
Chairman, Department of Nursing**

PURPOSE OF THE PROGRAM

The La Salle College Nursing Program is designed for registered nurses who wish to pursue educational goals without having to forego employment. All nursing courses including those with a clinical component are scheduled during evening and weekend hours.

FOCUS OF THE PROGRAM

The Nursing Program is designed to expand knowledge and skill base in the direction of holistic health theories and practices which will enable the nurse to promote health, harmony and increasing independence in individuals, families and other complex human systems.

The Nursing Program will provide opportunity for students to refine critical thinking skills, to strengthen self concept as a person and a nurse, and to set a course for self-directed learning and independent action. The Nursing Program will provide a sound theoretical and practice base for graduate study in nursing.

DESIGN OF THE PROGRAM

The Nursing Program curriculum which leads to the Bachelor of Science degree has four parts:

1. General Education — 8 courses
2. Distribution — 8 courses
3. Nursing Major Requirements
4. Electives

The entire program consists of 121 credits. The Nursing major consists of 49 credits, the first twenty of which will be validated by standardized examination. The additional 29 credits in the Nursing major comprise the remaining required nursing courses.

ADMISSION TO THE PROGRAM

Admission to the Program is limited to registered nurses. Evidence of Pennsylvania licensure must be given before beginning nursing major courses. Before entering the nursing major students must have achieved junior level standing (60 semester credit hours in arts and sciences).

The courses listed below are prerequisite to the nursing major and must be included in the 60 semester credit hours.

| | |
|------------------------------|-----------|
| Microbiology | 3 credits |
| Chemistry | 4 credits |
| Anatomy and Physiology | 8 credits |
| Psychology | 3 credits |
| Sociology | 3 credits |

Students may use these courses to fulfill Distribution requirements or elective requirements where possible. Knowledge of course content prerequisite to the nursing major, including the above courses, may be validated through transfer of credit or by standardized examination in accordance with Evening Division and Nursing Department policies.

OBJECTIVES OF THE PROGRAM

Applies concepts and principles of systems theory and the biopsychosocial, cultural sciences to the nursing care of persons in micro and macro-systems.

Uses the nursing process to promote self-care and healing in client systems.

Uses research findings to evaluate options for promoting positive changes in the health of clients and self.

Collaborates with consumers and other health care professionals to effect change in health care delivery systems.

Demonstrates leadership strategies that advance the state of the profession and, ultimately, the health of client systems.

Values self-directed learning as a life-long process in the quest for personal and professional growth.

ACCREDITATION OF THE PROGRAM

The Program is planning for accreditation by the National League for Nursing. The Nursing Department holds institutional membership in the National League for Nursing. (Non-accredited status.)

THE NURSING CURRICULUM

Validation of Prior Learning in Nursing

In keeping with the principles of adult education, the faculty of the Department of Nursing believes that a Registered nurse student should be given the opportunity to validate prior nursing knowledge. The La Salle College nursing student is required to pass a battery of nursing examinations developed by the American College Testing-Proficiency Examination Program (ACT-PEP), in accordance with the policies of the Nursing Department. Twenty (20) semester credits in nursing are awarded to the student upon successful completion of validating examinations.

REQUIRED COURSES FOR A MAJOR IN NURSING.

Nursing 320E Nursing Human Systems: Holistic Orientations

Prerequisite, Successful Validation of Prior Learning in Nursing 3 credits

A General Systems Theory view of developing human systems, the person and the family, presented and contrasted with other models of viewing the person, including current nursing models. Impact of theoretical perspectives on nursing practice explored. Medical model and holistic health orientations in care-giving contrasted. Nursing theory and nursing process viewed from a holistic health orientation. Fall and Spring.

Nursing 330E Nursing Human Systems in Health: Theory and Practice

Prerequisite, Nursing 320E 6 credits

Emphasis given to increasing the theory and skill base of the nurse in health assessment of human systems. Wide range of assessment tools, including the health history, physical assessment techniques, and psychosocial assessment tools explored and utilized in a variety of clinical and community settings. Special emphasis on the effective use of assessment data in health maintenance and health promotion interventions. Carries lab fee.

Nursing 401E Nursing Human Systems in Stress: Theory and Practice

Prerequisite, Nursing 330E

6 credits

Theories of stress and its effects on individual and family systems presented. Research findings relating stress to disease onset and impaired healing emphasized. Non-invasive, self-care, self-regulation therapeutic modalities explored and practiced as nursing interventions for systems in stress, in a variety of clinical settings.

Nursing 404E Nursing Family and Community Systems: Theory and Practice

Prerequisite, Nursing 401E

6 credits

Family and community assessment skills developed within a systems framework. Family and community viewed as target systems for primary prevention through health education for self-care. Exploring and utilizing community resources to assist families emphasized. Crisis intervention skills introduced. Carries lab fee.

Nursing 406E Nursing Issues in Health Care Delivery Systems: Leadership and Change

Prerequisite, Nursing 330E

4 credits

Traditional and emerging care delivery systems in which nurses practice analyzed from a general systems perspective. Comparisons drawn between the nursing system and the structure and process of other professional systems. Trends analysis, planning philosophies and change strategies introduced. A reorientation toward professional autonomy and newly emerging nursing roles emphasized. One credit of the four credits is acquired through a non-directed, self-designed project relevant to theoretical concepts presented in the course.

Nursing 408E Research Seminar in Nursing

Prerequisite, Nursing 330E

4 credits

Designed to help the student integrate viewpoints presented in previous courses and develop a problem for investigation with the self-system a client system, or a nursing system as the focus. Student's selected problems are the central focus of the research and discussion activity of the seminar. One credit of the four credits is acquired through independent work on the Research Proposal Development.

**PHILOSOPHY
GENERAL EDUCATION COURSES**

The student must take one course in Series A and one course in Series B. The course in Series A must precede the one in Series B. An effort is made to introduce the student to the basic problems and methods of philosophy as well as to some texts from Plato or Aristotle.

SERIES A**Philosophy 161E Human Nature and Human Destiny**

3 credits

Man in himself and his relationship to others and to the world. Themes include human freedom and human love; alienation; human destiny. Fall and Spring semesters.

Philosophy 162E Foundations of Moral Life

3 credits

Philosophical interpretations of moral life and their application to specific problems. Themes include the nature of commitment and responsibility; the problem of conscience and moral law; the character of moral judgment; and the notion of the good for mankind. Fall and Spring semesters.

Philosophy 164E Critical Thinking

3 credits

Aims at developing the skill of analyzing, interpreting, and criticizing arguments from a variety of disciplines. Topics include: clarification of concepts, distinguishing between conclusions and reasons for conclusions, evaluation of arguments, and the recognition of fallacies. (Replaces Philosophy 151E "Introduction to Logic.") Fall and Spring semesters.

SERIES B—Prerequisite, Completion of one Series A course.

Philosophy 166E Reason and Reality

3 credits

The basic relationships between thought and reality. Themes include skepticism and truth; rationality and selfhood; and knowledge and the various manifestations of existence. Fall and Spring semesters.

Philosophy 167E Philosophical Approaches to God

3 credits

Philosophical positions relating to questions about the existence of God. Themes include various concepts of God; the possibility of proof for the existence of God; and the philosophical dimensions of the religious experience. Fall and Spring semesters.

Philosophy 169E Work and Culture

3 credits

A philosophical consideration of the relationship between work and other dimensions of human life. Topics include: work and society, work and rationality, work and morality, work and play, work and creativity, work and alienation. Fall and Spring semesters.

PHILOSOPHY

Michael J. Kerlin, Ph.D., Chairman

Philosophy 201E Art and Creativity (Aesthetics)

3 credits

Consideration of the nature of art, activity, art appreciation, and the function of art with special reference to art history. Provides an elementary basis for forming a critical judgment with respect to art (and fine art) in general and specific works of art in particular.

Philosophy 202E Eastern Philosophy

3 credits

Comparative study of Asian thought with special emphasis on philosophies originating in India and China. Logical, metaphysical, epistemological, ethical, and political problems used as a framework for the study.

Philosophy 203E American Philosophy

3 credits

Vital American thought in three periods: New England transcendentalism; the classical group (Pierce, James, Royce, Santayana, Dewey, Whitehead); and the contemporary movement as seen in the philosophies of Perry, Hocking, Mead, Sellars, Lovejoy, and Brightman. American thought in its relationship to pragmatism, process philosophy, and personalism.

Philosophy 205E Philosophy of Communism

3 credits

Dialectical materialism considered as the philosophical foundation of contemporary socialism and communism. Basic writings of Marx, Engels, Lenin, and their immediate disciples analyzed, along with the works of the French and British socialists.

Philosophy 210E Existentialism

3 credits

An approach to contemporary phenomenology and existentialism through philosophers such as Husserl, Heidegger, Sartre, and Merleau-Ponty. Topics include: the phenomenological method, human existence as process, meaning vs. absurdity, and the overcoming of alienation.

Philosophy 213E Philosophy of Sports

3 credits

Philosophical investigation of sports and athletics and their significance as a basic human experience. Topics include sports and the achievement of human excellence; sports as a basis of social and cultural structure; and the analysis of sports in philosophical movements such as Marxism and existentialism.

Philosophy 221E Business Ethics

3 credits

Business practices evaluated in the light of ethical principles. Special concern given to moral dimensions of management decision making and to ethical problems of consumerism and government control.

Philosophy 222E Love and Human Sexuality

3 credits

Philosophical exploration of human love and sexuality. Attention given to the connection between the philosophical approach and that of other disciplines. Works by authors such as Plato, Aristotle, Thomas Aquinas, Santayana, Ortega y Gasset, and Sartre read.

Philosophy 223E Perspectives on Death

3 credits

Various philosophical strategies for coming to terms with human death. Western and non-Western sources used. Philosophical view of death applied to the problems of aging and dying, suicide and euthanasia, mass death, the medical conquest of death, and definitions of death. Of particular value for students choosing careers in the health professions.

Philosophy 323E Philosophy of Science

3 credits

Investigation of the relationship between philosophy and science from the standpoint of knowledge and method; philosophical problems common to the natural and social sciences. Historical survey discusses the development of scientific method and the nature of scientific progress.

Philosophy 325E Symbolic Logic

3 credits

A study of the following aspects of symbolic logic: truth functional logic, quantificational logic, logic of relations, proofs of adequacy for the systems used, undecidability and incompleteness, the relationship between modern logic and Aristotelian logic.

POLITICAL SCIENCE**Michael R. Dillon, Ph.D., Chairman**

Required for Major in Political Science/Public Administration:

15 courses

- Political Science 102E, 222E, 240E, 241E, 243E, 247E, 480E, 481E
- Economics 101E, 102E, 213E
- Accounting 101E, 102E
- Management 211E
- Personnel and Labor Relations 302E

Political Science 101E The Science of Government

3 credits

An appreciation of the principles, theories, development and practical workings of the major governments. Content includes a consideration of the theory and elements of the state; types of governments; the organization of governments and their principal activities.

Political Science 102E American Federal Government

3 credits

The organization and functions of the federal government of the United States; a study of the separation of powers and relations with the states. Fall 1983. *Required of all Political Science/Public Administration majors.*

Political Science 104E Western European Politics

3 credits

Political analysis of the constitutional principles and governmental organizations of England, France, and Germany. Spring 1984.

Political Science 220E International Relations

3 credits

Analysis of the basic patterns and major factors underlying international politics; consideration given to current international problems.

Political Science 222E Survey of Political Thought

3 credits

Analysis of major political writers from Plato to the present. Emphasizes each author's

concept of the state, its function and end, and his solution to the problem of reconciliation of the common good with individual freedom. Spring 1984. *Required of all Political Science/Public Administration majors.*

Political Science 230E Political Geography 3 credits
Surveys the geographic factors influencing the real and potential economic and political development of nations.

Political Science 234E The Politics of the Soviet Union 3 credits
The major elements that determine the nature of Soviet policy, including the role of the Communist Party, the relationship between the party and government, the growth of dissent within the Soviet Union, and future prospects for Soviet society.

Political Science 240E American State Government 3 credits
The state as a partner in the federal system; the states' constitutional development; and principles underlying state governmental organization, reorganization, and functions. Spring 1984. *Required of all Political Science/Public Administration majors.*

Political Science 241E Municipal Government 3 credits
The organizations and functions of government at the municipal level and an analysis of trends and types of municipal governments. *Required of all Political Science/Public Administration majors.*

Political Science 243E American Constitutional Law 3 credits
Analysis of the development of the Constitution via the interpretations of the Supreme Court. Principal topics are the federal system, judicial review, separation of powers, powers of Congress and the President, the Commerce Clause, and political and civil rights. *Required of all Political Science/Public Administration majors.*

Political Science 247E Bureaucratic Politics and Administration 3 credits
Analysis of bureaucracy within the national and urban context; internal characteristics and external political relationships with executives and legislatures, including unionization of bureaucratic personnel, budgetary relationships, innovation and the relationships of bureaucracy with clientele groups and the general public. *Required of all Political Science/Public Administration majors.*

Political Science 470E Special Topics 3 credits
As interests indicate, special courses may be introduced discussing specialized topics of current interest.

Political Science 480E Seminar I 3 credits
Study of methods of research and scholarly writing. Directed research and reports on individual assignments. *Required of all Political Science/Public Administration majors.*

Political Science 481E Seminar II 3 credits
Supervised research and writing on major topic. Weekly presentation and group discussion of individual papers. Submission of written thesis. *Required of all Political Science/Public Administration majors.*

PSYCHOLOGY
John Smith, Ed.D., Chairman

Required for Major in Psychology: Track 1: 12 courses; Track 2: 13 courses; Track 3: 13 courses

- Track 1—Pre-Graduate: Psychology 101E, 201E, 210E, 211E, 319E, 320E, 4 electives in Psychology; 2 courses in Mathematics
 - Track 2—General Studies: Psychology 101E, 201E, 206E, 315E, 340E, 408E, 7 electives in Psychology.
 - Track 3—Work Psychology: Psychology 101E, 201E, 210E, 211E, 306E, 319E, 320E, 360E, 460E, 464E; 2 courses in Mathematics; CSC 151E.

Psychology 101E General Psychology

3 credits

Psychology 101E General Psychology 3 credits
Introduction to the scientific study of human behavior. The nature, scope, and methods of modern scientific psychology, the biological and social foundations of behavior, motivation, and emotions. Fall and Spring semesters.

N.B. Psychology 101E is a prerequisite for all other psychology courses (with the exception of Psychology 112E and Psychology 210E). With the permission of the department Chairman this prerequisite may be waived.

Psychology 112E Personnel Psychology

3 credits

Psychology 112E Personnel Psychology 3 credits
Introduction to the methods and empirical findings of personnel psychology. The use of psychological techniques practiced in the recruiting, interviewing, testing, selecting and placing of employees. Preliminary training in the use of psychological tests for measuring intelligence, aptitude, interest and personality. Fall semesters—Odd years.

Psychology 201E Advanced General Psychology

Prerequisite, Psy. 101E

3 credits

For students majoring in psychology and for other students who desire a more intensive coverage of the principles and theories of psychology than is possible in the first course. Spring semesters.

Psychology 203E Developmental Psychology

3 credits

A survey of the development of behavior from birth through adulthood. Aspects of physical, intellectual, motor and personality development considered. Deviant developmental patterns discussed. Fall semesters.

Psychology 206E Personality Dynamics and Adjustment

Prerequisite, Psy. 101E

3 credits

An analysis of the human system, the dynamics of individual behavior, and a consideration of resources necessary for effective living as they are related to a better understanding of personal adjustments in healthy persons developing toward maturity. Spring semesters.

Psychology 210E Psychological Statistics—Part 1

Prerequisite, successful completion of one year of college mathematics

An introduction to statistics, emphasizing such descriptive measures as central tendency, variability and correlation. Carries lab fee. Fall 1983.

Psychology 211E Psychological Statistics—Part 2

Prerequisite, Psy. 210E

3 credits

An intermediate course in inferential statistics, emphasizing such techniques as the analysis of variance and t-tests. Carries lab fee. Spring 1984.

It is suggested that the following courses not be rostered without the prior approval of the Department Chairman.

Psychology 306E Tests and Measurements

Prerequisites. Psy. 101E, 210E or equivalent. 3 credits

The selection, administration and interpretation of psychological tests used in the measurement of aptitudes, achievement, interest and personality.

Psychology 315E Abnormal Psychology

3 credits

An introductory course surveying the principal forms of the major and minor mental disorders, with emphasis on the causes, symptoms, course and treatment. An analysis of the overall problem of mental illness and a study of certain borderline personality and behavioral patterns and other forms of psychological deviation. Fall semesters.

Psychology 319E Experimental Psychology—Part 1

4 credits

A laboratory course designed to introduce the student to the classical psychological experiments and to train him in the methods of experimental design and research. Experiments on the sensory processes, perception, learning, memory, thought processes, and emotions. Carries lab fee. Fall 1984.

Psychology 320E Experimental Psychology—Part 2

4 credits

Lectures and discussions on modern experimental psychology. For laboratory work, the student plans, designs, and performs an original research experiment. Carries lab fee. Spring 1985.

Psychology 325E Readings in Psychology

3 credits

Prerequisite, Psy. 101E
Basic books and periodicals having relevance for the broad field of psychology; assignments discussed in seminar fashion at one meeting each week.

Psychology 330E Cognitive Psychology

3 credits

Prerequisite, Psy. 201E
A systematic study of the research and theories developed to explain human memory, language, thinking, and consciousness.

Psychology 340E Methodology for Studies and Research

3 credits

The nature of scientific research methodology; emphasis on critical reading and evaluating reports of studies and research; development of skill in writing review papers; utilization of research literature in the behavioral sciences; data analysis and critiques of extant research. Spring 1984.

Psychology 350E Effective Communication

3 credits

A deepening understanding of, and personal growth experiences in, the art of interpersonal communication. Attention given to listening and empathy, discussion and decision making, confrontation and conflict management, attitudinal systems and Gestalt, verbal and non-verbal communication, creative goal-setting, individual and social growth. Fall 1983.

Psychology 360E Industrial Psychology

3 credits

A study of those psychological principles, methods, and techniques which are especially relevant to an understanding of human relations and efficiency in business and industry. Spring 1984.

Psychology 364E Social Psychology

3 credits

A study of the facts and theories dealing with the phenomena of social behavior. Focuses on individual behavior as it affects and is affected by the behavior of others.

Psychology 406E Counseling Theories and Principles

3 credits

Theories and principles of the counseling process. The dynamics of human change. The objectives, work and continuing problems of counseling.

Psychology 407E Theories of Learning

Prerequisite, Psy. 201E

3 credits

An analysis of the principal theories of learning in light of recent experiments in animal and human learning.

Psychology 408E Theories of Personality

Prerequisite, Psy. 101E

3 credits

A systematic study of the principal theories of personality with particular emphasis on recent trends, research methodology, and personality measurement. Fall 1983.

Psychology 420E Physiological Psychology

Prerequisite, Psy. 201E

3 credits

An introduction to the neurological endocrinological bases of behavior. Consideration of sensory and motor processes, motivation and emotion, learning and memory. Carries lab fee.

Psychology 460E Human Factors Engineering

Prerequisite, Psy. 210E or equivalent and 360E

3 credits

Human factors deals with the study of man and his working environment, and with the application of this knowledge to practical problems encountered in the home, business and industry.

Psychology 464E Attitude Measurements

Prerequisite, Psy. 319E or Psy. 340E and CSC 151E

3 credits

Development and application of attitude scales designed for group testing and an introduction to computing social science data with the Statistical Package for the Social Sciences (SPSS), as applied to consumer behavior. Fall 1983.

Psychology 470E, 471E Special Topics in Psychology

3-6 credits

Content will vary each semester and will cover such topics as family psychology, alcoholism and drug addiction, prejudice, mob action, and attitude change. Prerequisite varies with the topic.

Psychology 485E-486E Psychological Practicum

3-6 credits

Offers the student the option of conducting a research project under the direction of a faculty member or of obtaining practical experience serving in an institutional setting under professional supervision. Open only to senior psychology majors. One or two terms. Fall 1984, Spring 1985.

PUBLIC ADMINISTRATION

Major requirements are listed under Political Science/Public Administration.

**RELIGION
GENERAL EDUCATION COURSES**

The La Salle College Evening Division in keeping with its philosophy and objectives requires each student to take two courses in religious studies as part of the general education requirements.

The Religion Department offers the courses listed here to fulfill the general education requirement. Any 2 of these 6 courses will fulfill the requirement.

Religion 161E The Bible as Religious Literature

3 credits

Origins, evolution, and formation of the Jewish and Christian Scriptures; the ideas of the people who produced them, and the Near Eastern cultures and literature which contributed to them. Fall semesters.

Religion 163E The Dynamics of Religion

3 credits

Study of the diverse patterns of thought, behavior, and structures that express human religious experience. Themes selected from great religious traditions and from tribal and archaic cultures. The course seeks to develop an awareness of the diversity of religious expression and a critical appraisal of the methods used in interpreting this central experience. Fall semesters.

Religion 164E Religion and the Contemporary Search for Self

3 credits

An inquiry into the contemporary meaning of self-discovery, seen in the context of those socio-religious values which contribute to an individual's sense of personal identity. A study of religion as an expression of the deepest dimension of human life leading to an appreciation of the possible variety of such expressions in terms of personal self-understanding. Fall semesters.

Religion 165E The Religious Vision of Modern Literature

3 credits

Religious presuppositions and attitudes underlying and shaping modern literature. The ways in which questions raised by modern authors relate to answers traditionally found in religious faith. Selections studied include Dostoyevsky, Beckett, Kafka, Eliot, Camus. Spring semesters.

Religion 166E Religions of the East

3 credits

The living religions of the world that lie outside the Judaeo-Christian tradition. The sacred literature, historical origin and development, basic beliefs, religious practices. The course centers around Hinduism, Buddhism, Confucianism, Taoism, and Islam. Spring semesters.

Religion 167E Catholicism in the Modern World: Problems and Challenges

3 credits

Religious and social forces shaping present-day Catholicism. Vatican II and the theology of change. Problems raised by liturgical reform, biblical renewal, ecumenism, and the women's movement. Freedom and authority in current Church structures. The challenge to Catholic education. Contemporary movements: charismatic religion, Traditionalism. The American cultural experience and its influence on the Church today. Spring semesters.

RELIGION**James E. Biechler, Ph.D., Chairman****BIBLICAL STUDIES****Religion 210E Old Testament Themes**

3 credits

The origin and development of biblical traditions and theological themes: God, man, the meaning of life, the Exodus theme, prophecy, etc. studied in both their Old Testament context as well as their relation to the New Testament.

Religion 212E The Prophets of Ancient Israel

3 credits

Prophecy and prophetic literature in the Bible. Prophecy as an institution in the Near East; its unique development in Israel. Theological message of the biblical prophets.

Religion 213E Theology of the New Testament

3 credits

General historical background of New Testament times, with special emphasis on those factors that most contributed to the formation of New Testament literature. The literary forms found in New Testament literature, gospel, letters, apocalypse, etc. With this as background, the course undertakes an in-depth study of one of the gospels or a major epistle of St. Paul.

THEOLOGICAL STUDIES

Religion 220E The Church: Contemporary Issues and Problems 3 credits

Inquiry into the life and structure of Christian community. The psychological and theological factors which bring men together to constitute "Church". The Church as eschatological community in relation to Christ. A study of those ideas most generally attributed to Church: unity and catholicity, organization, ministry and mission.

Religion 221E Contemporary Christology 3 credits

Survey of the post-biblical developments concerning the person and mission of Jesus, with emphasis on the contemporary attempt to reinterpret Jesus as Man and God.

Religion 222E The Sacraments 3 credits

Inquiry into the origin and development of the Christian symbols highlighting some of the problem of modern sacramental theology.

Religion 223E Contemporary Moral Problems 3 credits

Comprehensive examination of selected moral issues of current interest: violence, war, love, freedom, situation ethics, abortion, euthanasia, human values, sin, genetic engineering, etc.

Religion 229E Protestant Theology 3 credits

Critical examination of the origin and principles of Reformation theology as they have been worked out in the religious movement called "Protestantism". Special attention given to the important personages of the Reformation who have shaped the religious thinking of the West. Students will be introduced to such notable theologians as Barth, Brunner, Bultmann, Bonhoeffer, Niebuhr, Tillich, and Cox.

HISTORICAL STUDIES

Religion 230E Religion in America 3 credits

The major religious movements within the Roman Catholic Church and Protestant churches in the United States from the American Revolution to the present day. The theological implications for the churches of such movements as the American Revolution, the Great Awakening, the Abolitionist Movement, the Civil War, the Gospel of Wealth, the Great Depression, World War II, and the Atomic Age.

Religion 323E Biomedical Problems 3 credits

Study/discussion of selected ethical dilemmas arising from recent advances in health care technology and delivery.

Religion 325E Contemporary Theology of Marriage 3 credits

Investigation of the religious aspects of marriage, sexuality and family life.

Religion 332E Modern Religious Thought 3 credits

Critical examination of the great religious movements of modern times that have most contributed to the present religious situation. Focus on the encounter between Christian thought and nineteenth-century philosophy, history and natural science.

RELIGIOUS STUDIES

Religion 242E Contemporary Judaism 3 credits

The historical origin, roots, and developments of Judaism as a religion, as well as a cultural, civil, and ethnic group. Evaluates Jewish social and educational values as well as religious problems and attitudes among Jews today.

Religion 251E Religious Education 3 credits

Designed primarily for parents and teachers, the course deals with the practical problems encountered in guiding the intellectual and moral development of the young Christian. Workshop sessions as well as theoretical materials in lecture and discussion.

SOCIOLOGY
Finn Hornum, M.A., Chairman

Required for Major in Sociology: 12 courses

Required for Major in Sociology-Criminal Justice: 14 courses

- General Sociology: Sociology 101E, 301E-302E, 310E, 480E-481E, three 200-300 level sociology courses, and three electives in sociology, criminal justice, or social work.
- Criminal Justice: Sociology 101E, 301E-302E, 310E, two 200-300 level sociology courses, Criminal Justice 221E, 222E, 385E-386E, 487E-488E, and two additional criminal justice courses.
- **Associate in Arts** in Criminal Justice: English 101E, English 102E, 1 course in General Education Literature, 1 course in General Education Philosophy, 1 course in General Education Religion; 2 courses in Area 1 of Distribution; Political Science 101E and Psychology 101E in Area 4 of Distribution; Sociology 101E, 102E, Criminal Justice 220E, 221E, 222E, and 223E; Humanities 325E or 377E; Psychology 315E; 3 elective courses.

Sociology 101E Introduction to Sociology

3 credits

An examination of sociological concepts, theories and methods with applications to American society as well as cross-cultural comparisons. Fall semesters.

Sociology 102E Contemporary Social Problems

3 credits

Significant social problems in contemporary society. Such selected social problems as poverty, racism, sexism, delinquency, crime, mental illness and family and community disorganization will be surveyed. (Formerly, "Social Problems.") Spring semesters.

Sociology 111E Marriage and Family

3 credits

Study of marriage and the family as social institutions. Consideration of the historical development of the family, variations of family structure in contemporary societies, and current trends in American family patterns. (Formerly, Sociology 211E.)

Sociology 203E Sociology of Work

3 credits

Analysis of the social organization of work in modern societies, the concept of career, the development of professionalization, the nature of work-satisfaction and the impact of bureaucratization. Occupational subcultures such as law, medicine, public service, the military, and education considered. (Formerly, "Industrial Sociology.") Fall 1984.

Sociology 207E The City: Conflict and Change

3 credits

A study of world cities, their growth and impact on personality, urban violence and its control, fragmentation, economic problems and city/suburban conflicts. Efforts at neighborhood development and metropolitan planning will also be discussed. (Formerly "The City and Social Change.") Fall 1983, Fall 1986.

Sociology 210E Sex, Power, and Socialization

3 credits

Exploration of male and female gender roles in the contemporary United States. Examination of socialization in childhood and adulthood, sexual politics, and power structures and dynamics within the family. Special attention to the effects of class and race on gender role formation. (Formerly, "Women and Men in Society.")

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| Sociology 212E Ethnicity and Race in the United States | 3 credits |
| Analysis of the structure and dynamics of dominant/minority relations in historical and contemporary contexts. Emphasis on the sociological analysis of ethnic and racial discrimination and inquiry into the sources of conflict between dominant and minority groups. (Formerly, "Minority Groups.") Spring 1984; Spring 1986. | |
| Sociology 213E Human Nature, Culture and Society | 3 credits |
| Anthropological study of the origin and descent of humans and of the role of culture in explaining the variations and constants in human behavior. (Formerly, "Cultural Anthropology.") | |
| Sociology 301E Social Statistics 1 | 3 credits |
| General introduction to such descriptive statistics as central tendency measures, variability and regression. Analysis of cross-tabulated data will be facilitated through the utilization of computer software programs. No prior knowledge of computers assumed. (Formerly, "Statistics and Research Methods, 1.") Fall 1983; Fall 1985. | |
| Sociology 302E Social Statistics, 2 | 3 credits |
| Prerequisite, Sociology 301E. Inferential statistics beginning with a discussion of probability, binomial distributions, and normality. Both parametric and non-parametric statistics covered. Continued use of computer technology. (Formerly, "Statistics and Research Methods, 2.") Spring 1984; Spring 1986. | |
| Sociology 305E Society and the Individual | 3 credits |
| Prerequisite, Sociology 101E or 102E. Study of the influence of society and culture, as mediated by the social group, on the social, cultural, and personal behavior of the individual. Fall 1983; Fall 1985. | |
| Sociology 306E Bureaucracy and Society | 3 credits |
| Prerequisite, Sociology 101E or 102E. Examination of the nature and effects of modern, large-scale organizations. Focus on both private sector corporations and public sector bureaucracies. (Formerly, "Complex Organizations.") Spring 1984; Spring 1986. | |
| Sociology 308E Class, Status, and Power | 3 credits |
| Prerequisite, Sociology 101E or 102E. A study of economic, social and political inequalities. Emphasis on the causes, patterns, and consequences of such inequalities. The United States compared with other industrial as well as non-industrialized nations. (Formerly, "Social Stratification.") Fall 1984. | |
| Sociology 309E Health and Society | 3 credits |
| Basic survey of how individuals are socialized to think about, and are treated by, those in the health professions. A cross-national perspective will be assumed. Topics include: malpractice, population control, human experimentation, deviance and stigmatization. Spring 1984. | |
| Sociology 310E Sociological Theory | 3 credits |
| Prerequisite, Sociology 101E or 102E. Survey of the development of social thought from August Comte to contemporary theorists. An attempt to see the evolution of social theory within the social context of the theorist's milieu. | |
| Sociology 480E Research Seminar, 1 | 3 credits |
| Overview of research methodology. Such research data collection methods as questionnaire designs, interviewing and observations discussed. Topics include the ethics of human experimentation and evaluation techniques. | |
| Sociology 481E Research Seminar, 2 | 3 credits |
| Original research in one area of social reality employing a research method of the student's choosing. | |

Criminal Justice 220E Juvenile Delinquency 3 credits
Juvenile delinquency in comparative-historical perspective; study of the nature, magnitude, and social location of the problem of youth crime; analysis of causal theories; overview of programs aimed at delinquency prevention and control. Fall 1984.

Criminal Justice 221E Crime and Its Causes 3 credits

Study of the sociological and social psychological foundations of crime and delinquency and the process affecting the criminal justice system. Topics include examinations of criminal law, criminal statistics, theories of crime causation and criminal behavior systems. Fall 1983.

Criminal Justice 222E Introduction to Criminal Justice 3 credits

Overview of the past, present and current functioning of the criminal justice system in the United States. Law enforcement, judicial administration and corrections examined within a general sociological framework and critical issues pertaining to the criminal justice system are discussed. Spring 1984.

Criminal Justice 223E Criminal Law* 3 credits

Study of the history and development of Anglo-American criminal law and an examination of contemporary constitutional issues and the Pennsylvania Penal Code. Spring 1984; Spring 1986.

Criminal Justice 323E Criminal Procedure 3 credits

Broad spectrum view of the development of modern criminal procedure with emphasis on Constitutional Law. Designed to address and understand the sociological upheaval and resultant societal changes effected by recent pronouncements of the Courts, and to acquaint the student with a variety of constitutional problems that can arise in criminal cases. Designed to interface with Criminal Justice 223E "Criminal Law." Spring 1985.

Criminal Justice 385E-386E Seminar in Criminal Justice 3-6 credits

Theory and practice of law enforcement, judicial and correctional agencies critically examined through class discussions, individual and group projects, visits to criminal justice agencies and participation by guest lecturers. Must be taken sequentially. Fall 1984 and Spring 1985.

Criminal Justice 415E, 416E Criminal Justice Counseling* 3-6 credits

Two semester course to acquaint the student with the principles and practices of individual and group counseling techniques in the criminal justice field. Group dynamics and counseling approaches presented through class lectures, discussions and participation in the group experience. Special emphasis on the applicability of techniques and principles to the offender population.

Criminal Justice 487E-488E Seminar in Criminal Justice Research and Practice** 3-6 credits

Designed to provide the criminal justice practitioner with an opportunity to examine the functioning of the criminal justice system through field research and seminar sessions in theory. Emphasis will be given to problems of administration, clinical practice, research and planning. Prerequisites: CRJ 221E or 222E or permission of the instructor. Fall 1983 and Spring 1984.

Social Work 202E Introduction to Social Work and Social Welfare 3 credits

Foundation for all other social work courses in that it provides a framework of analysis for practice and policy courses. Provides a basic understanding of fundamental human needs, of populations at risk in this society, and of the social delivery system. (Formerly, "Introduction to Social Welfare.") Fall 1983.

Social Work 361E Social Work Theory and Practice, 1

Prerequisite, Social Work 202E

3 credits

Principles of interviewing and developmental helping skills. Roleplaying, case studies, and videotaping will be used. Instruction and practice in social welfare and related agencies which provide a range of generalist services. Structured agency supervision provides opportunity for students to develop skills and recognize the effect their own intervention has upon clients' lives. Students spend the equivalent of one full day per week in field instruction. (Formerly, "Methodologies in Social Work, 1.") Fall 1983.

Social Work 362E Social Work Theory and Practice, 2

Prerequisite, Social Work 361E.

3 credits

Examines casework, group work, and community organization methods which serve as a basis for generalist practice. A range of generalist techniques studied as preparation for practice with individuals, groups and other systems. Instruction and practice in social welfare and related agencies which provide a range of generalist services. Structured agency supervision provides opportunity for students to develop skills and recognize the effect their own intervention has upon clients' lives. Students spend the equivalent of one full day per week in field instruction. (Formerly, "Methodologies in Social Work, 2.") Spring 1984.

Social Work 363E Social Policy, 1

3 credits

Historical look at the development of the welfare state in the United States. Particular attention to traditions, laws, and court decisions concerning poor people, racial minorities, immigrants, and women. Fall 1984.

Social Work 364E Social Policy, 2

3 credits

Explores contemporary social policies in the U.S. Topics selected from: health, aging, mental health, child welfare, family, welfare, and educational policy. Domestic and international alternatives to current policies discussed. Advocacy and lobbying processes highlighted. Spring 1985.

Social Work 465E Professional Considerations in Social Work

3 credits

Questions of values and ethics underlying professional social work practice explored through lectures, analysis of practice, or participation at professional meetings. Philosophical, political, and sociological perspectives provide the framework for analysis. Spring 1985.

*Students who have completed a police academy training or its equivalent, subject to the approval of the Sociology Department, and who have not already taken this course may apply for three elective credits for this course.

**Students majoring in Sociology-Criminal Justice, who have completed a police academy training or its equivalent, subject to the approval of the Sociology Department, and who have not already taken this course, may apply for three credits upon successful completion of one semester of this course.

CREDIT FOR POLICE ACADEMY TRAINING

Any student admitted to La Salle College as of January 1, 1976 or later, is eligible to apply for six credits toward his/her degree if he/she has been certified as having completed a police academy training or its equivalent, subject to the approval of the Sociology Department. Three elective credits may be granted as equivalent to Criminal Justice 223E Criminal Law and three elective credits may be granted as equivalent to one semester of Criminal Justice 415E, 416E Criminal Justice Counseling.

Any student majoring in Sociology-Criminal Justice may also apply for three credits toward fulfillment of the Criminal Justice 487E-488E Seminar in Criminal Justice Research and Practice provided he/she has completed the training mentioned above and has successfully completed the other half of the Criminal Justice 487E-488E course.

Administration

| | |
|---|---|
| Brother Patrick Ellis, F.S.C., Ph.D. | President |
| Brother Emery Mollenhauer, F.S.C., Ph.D. | Provost |
| Raymond P. Heath, Ph.D. | Vice President, Student Affairs |
| David Fleming, M.B.A. | Vice President, Business Affairs |
| John L. McCloskey, M.B.A. | Vice President, Public Affairs |
| Brother G. Claude Demitras, F.S.C., Ph.D. | Dean of the Evening Division and Summer Sessions |
| Shirley-Ann Eriksson, M.A. | Assistant Dean |
| Raymond A. Ricci, M.Ed. | Registrar |
| Joseph V. Brogan, Ph.D. | Director of Admissions, Evening |
| John J. King, B.A. | Director of Off-Campus Programs |
| Mary T. McGlynn, B.A. | Coordinator, La Salle Northeast |
| Brother Joseph Bender, F.S.C., Ph.D. | Counselor |
| Brother Thomas Warner, F.S.C., B.S. in L.S. | Director of the Library |
| Paul V. McNabb, B.S. | Comptroller |
| E. Kaye D'Angelo, B.A. | Director of Financial Aid |
| Kathleen E. Schrader, M.B.A. | Director of Student Life |
| Linda Hofer, B.S. | Director of Food Services |
| Stephen T. Hassall, B.S. | Manager of Campus Store |

College Council

Brother Ellis, *Chairman*; Brother Mollenhauer, Dr. McCarthy, Mr. Fleming, Mr. McCloskey, Brother Muldoon, Dr. MacLeod, Brother Claude. *Three Faculty Representatives; Three Student Representatives; Two Day Division students; one Evening Division student.* Secretary: Mrs. Schulhoff.

Admission Committee

Director of Evening Division Admissions; Dr. Joseph V. Brogan, Brother Claude Demitras, Miss Shirley-Ann Eriksson, Mrs. Mary McGlynn.

Academic Affairs Committee

Brother Claude Demitras, *Chairman*; Brother Joseph Bender (Non-voting), Dr. Michael Dillon, Dr. John Duffy, Ms. Shirley-Ann Eriksson (non-voting; secretary), Brother Richard Hawley, F.S.C., Mr. Charles V. Kelly, Mr. Robert Macaulay, Dr. Edward Nolan. Two students appointed by the Student Evening Congress.

Student Affairs

OBJECTIVES OF THE STUDENT PERSONNEL PROGRAM

La Salle College, in keeping with its aims and objectives, recognizes that the completeness of higher education demands that the student be provided with the opportunities to develop spiritually, morally, intellectually, emotionally, and socially. Therefore, the Student Personnel Program in the Evening Division of La Salle College offers the following:

1. Counseling Services to assist in solving the various problems which beset a college student.
2. A service to help the student find suitable employment according to his needs and the opportunities which are available.
3. A program of spiritual activities and spiritual counseling.
4. A student activities program which includes student government, student publications, and extra curricular organizations.
5. An Alumni Program to continue the mutual interest which the graduates and the College should have in common.

ACADEMIC COUNSELING

Although academic counseling is centered in the Dean's office and is directed by the Dean and his assistants, supplementary counseling is offered in particular curricula. Thus, the following instructors are official members for their subject area, and interviews may be arranged by appointment with these instructors:

| | |
|----------------------|-------------------------|
| Accounting | Mr. Joseph Markmann |
| Computer Science | Mr. David Brown |
| Education | Dr. Gary K. Clabaugh |
| English | Mr. Charles V. Kelly |
| Finance | Mr. Robert Macaulay |
| History | Dr. Theopolis Fair |
| Humanities | Mr. Thomas Ridington |
| Management | Mr. William B. Fynes |
| Marketing | Mr. George Swoyer |
| Mathematics | Dr. Edward Nolan |
| Nursing | Mrs. Gloria Donnelly |
| Physics (Electronic) | Dr. Robert A. Bartolini |
| Philosophy | Dr. Michael Kerlin |
| Political Science | Dr. Michael Dillon |
| Psychology | Dr. John Smith |
| Religion | Dr. James Biechler |
| Sociology and | |
| Criminal Justice | Mr. Finn Hornum |

Every Academic year all students are invited to take advantage of the above services. All students reaching 15 credits or more are invited by letter to have counseling.

CAREER PLANNING AND PLACEMENT BUREAU

The Career Planning and Placement Bureau is open to the Evening Division students from 6:00 to 7:30 P.M. Monday through Thursday evenings. This bureau assists students and alumni in career planning and employment activities. (951-1075)

The bureau's services include the following areas:

1. Career Counseling gives the opportunity to formulate or discuss vocational plans on a one-to-one basis with a career counselor.
2. The Career Library contains vocational information about potential employers, various career fields and graduate and professional schools.
3. Employment Placement is a function open to all La Salle students and graduates.

RELIGIOUS ACTIVITIES

The Chapel of La Salle College provides a convenient center both for personal meditation and for group worship. Its facilities are available to the student body at all times. Holy Mass is regularly offered for Evening Division students in the Student Chapel. The days and times of these Masses are announced in the Evening Bulletin. In addition, graduation ceremonies regularly open with the Baccalaureate Mass to which graduating seniors, their family and friends are invited.

The Evening Division Chaplain is available according to a posted schedule of service to provide spiritual counseling or confessions for Evening Division students.

STUDENT ORGANIZATIONS AND ACTIVITIES

Although evening students must devote the major portion of their time to studies, it is hoped that they will participate, to some extent, in student government and in the co-curricular and extracurricular activities which are open to them.

Accounting Association

An organization of students majoring in Accounting who are interested in broadening their knowledge of accounting practices and their relation with business practices in general. The Association brings the members into frequent contact with outstanding people in the field.

Alpha Sigma Lambda

Alpha Sigma Lambda, a national evening college fraternity for honor students, was inaugurated at La Salle College in December, 1966. The La Salle College Evening Division Chapter, Alpha Delta, is open by invitation to men and women who have completed thirty semester credits in the La Salle Evening Division and who have an academic index of 3.4. With the objective

of recognizing and encouraging scholarship, this fraternity meets twice each year and includes distinguished scholars among its guest speakers.

The Black Students of La Salle

The Black Students of La Salle, Evening Division, was formed in recognition of the needs for identification, unity and mutual support in the pursuit of our educational goals. The chief purposes of the organization are (1) To develop unity among the Black students of La Salle, (2) To create programs that give Black students exposure and involvement within the college, (3) To recruit members who will share equally in the responsibilities and achievements of the organization, (4) To establish better communication between Black Evening Division students, and (5) To develop programs which will aid the academic advancement of Black students.

Cross Keys Fraternity

Cross Keys is a student service fraternity. Membership consists of faculty, students, and alumni who have served the interests of the student body and of the College with distinction. The chief purposes of the fraternity are (1) to foster an ambition for intellectual attainment and a desire to serve La Salle College Evening Division and its students; and (2) to study the problems of students in order that student life might be enriched, and to promote and stimulate progress and the best interests of La Salle College.

The Marketing Association

The twofold purpose of the club is to foster an interest in the field of marketing and to promote through discussion the application of ethical principles in the field of marketing.

The Presidents' Council

The Presidents' Council is made up of the presidents of all Evening Division organizations and the Evening Division representative to College Council. Its purpose is to give guidance to all organizations and the Student Congress.

The Society for the Advancement of Management

This is a student chapter of a national society of professionals interested in management principles. It aims to enhance the application of scientific management principles in industry and to foster the development of future management talent.

The Student Branch of the Institute of Electrical and Electronic Engineers

The Institute of Electrical and Electronic Engineers is a national professional organization. Its aims include the advancement of the theory and practice of radio and allied engineering and of the related arts and sciences. Students registered in the Electronic Physics curriculum as degree candidates are eligible for membership in the student branch of IEEE.

The Student Congress

The Student Congress of La Salle Evening Division acts as the official representative of the student body in its relations with the administration and

faculty of the College in matters related to extracurricular activities and student welfare.

The Student Congress consists of the elected representatives of the various course sections, who vote on all matters brought before the Congress.

In general, its purpose is to cultivate, promote and manage all social and other affairs conducted for the benefit of the entire student body; to promote the general welfare of the students; and to act as an advisory body between the students and the administration.

STUDENT PUBLICATIONS

La Salle Collegian

The *Evening Collegian*, the student newspaper, serves as a vehicle for disseminating views and news of interest to the entire student body. The *Evening Collegian* is devoted exclusively to the activities of the Evening Division students.

The Explorer

The *Explorer* is the yearbook published for the members of each graduating class. The book serves as a record of college life and activities.

INTERCOLLEGIATE AND INTRAMURAL ATHLETICS

Although students of the Evening Division are not permitted to compete in the various intercollegiate sports, they are encouraged to support these activities by attendance at contests. They are accorded all privileges of admission granted the students of the Day Session.

Within the limitations of available time, the students of the Evening Division may compete in intramural athletics.

THE COLLEGE CAFETERIA

A Student cafeteria is operated in the College Union Building for the convenience of students. Students are served from 5 to 7 o'clock, Monday through Thursday evenings.

The Snack Bar—an annex to the cafeteria—is open on class evenings until 10:00 P.M.

THE CAMPUS STORE

The College maintains a Campus Store where books, supplies and other items of special interest to college students may be purchased. The Store, located in the College Union Building, is open from 9:00 A.M. until 7:30 P.M. on Monday through Thursday.

THE LIBRARY

The David Leo Lawrence Memorial Library houses a collection of over 285,000 volumes and subscribes to more than 1,000 periodicals, journals and information services. About 12,000 new volumes are added each year to

keep the collection up-to-date and adapted to the needs of the student.

An open stack system encourages browsing and a liberal loan policy is assigned to encourage maximum use of library materials. The Library and the Library Annex are open more than 80 hours a week. Competent readers' advisors are available in the Reference Department to assist students in their research.

When classes are in session the Main Library is open Monday through Thursday Evenings until 11:00 P.M., Friday Evening until 5:00 P.M., Saturday until 4 P.M., and Sunday from 12 Noon to 6:00 P.M. The Library Annex is open until Midnight on Monday, Tuesday, Wednesday, Thursday and Sunday.

THE ALUMNI ASSOCIATION

The Alumni Association seeks to promote the welfare of La Salle College to encourage good fellowship among alumni. To achieve these ends, the Association works principally through the College Alumni Office and class organization.

The Alumni Association is controlled and directed by the alumni in cooperation with the College administration. The governing board is called the Alumni Board of Directors. It consists of representatives from each graduating class and a Director of the Association appointed by the College.

Alumni are encouraged to take an active part in promoting the attendance of worthy and talented students; to take an intelligent interest in the academic affairs of the College; to support the College financially to the best of their ability; and to foster the growth of the College. Alumni are also encouraged to assist the Placement Bureau by calling to its attention job opportunities for La Salle students.

INDEX

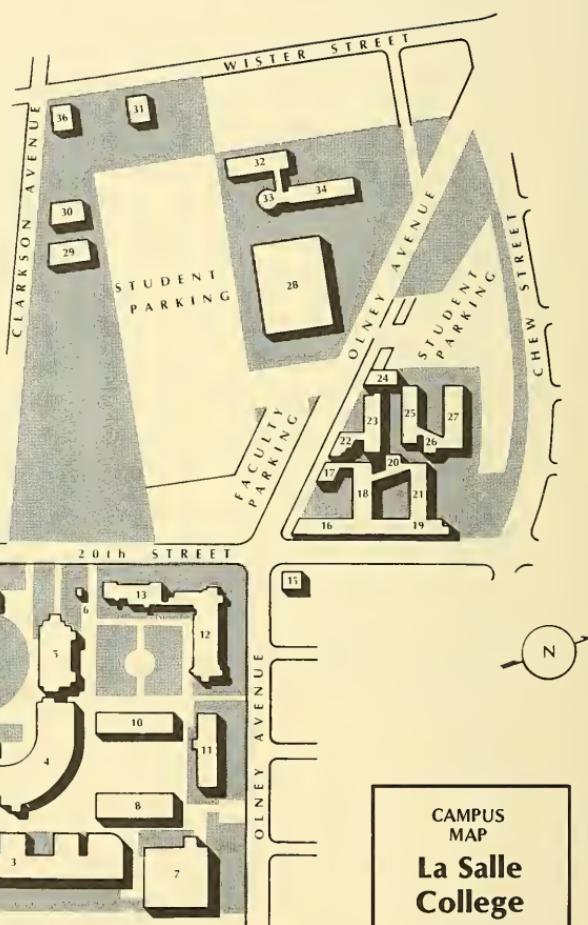
| | |
|--|-------|
| Academic Affairs Committee | 79 |
| Academic Standing | 14 |
| Accounting | 32 |
| Administration | 79 |
| Admission | |
| Advance Standing | 7 |
| Committee | 79 |
| Period | 4 |
| Procedure | 6 |
| Requirements | 5 |
| Alumni Association | 84 |
| Applicants, Classification | 4 |
| Army ROTC | 62 |
| Art | 34 |
| Associate Degree | 5, 22 |
| Attendance Policy | 15 |
| Biology | 34 |
| Cafeteria | 83 |
| Career Planning and Placement | 81 |
| Calendar | 1 |
| Change in Course | 15 |
| Change in Major | 15 |
| Chemistry | 34 |
| College | |
| Accreditation | 2 |
| Philosophy and Objectives | 1 |
| College Council | 79 |
| College Level Examination Program (CLEP) | 15 |
| Computer Science | 36 |
| Continuing Education for Women (CEW) | 8 |
| Counseling | 80 |
| Credit, Off Campus Courses | 15 |
| Through Examination | 15 |
| Curriculum | 21 |
| Dean's Honor List | 17 |
| Deficiencies, Scholastic | 14 |
| Dismissal, Academic | 14 |
| Economics | 38 |
| Education | |
| Chestnut Hill College | 40 |
| Electronic Physics | 41 |
| End of Course Examination | 17 |
| English | 44 |

Fees

| | |
|--|-------|
| ACT-PEP Examinations | 9 |
| Application | 9 |
| Associate Degree | 9 |
| CLEP Examinations | 9 |
| Computer Science | 9 |
| End of Course Examinations | 9 |
| Graduation | 10 |
| Incidental | 9 |
| Late Examination | 10 |
| Late Registration | 10 |
| Reinstatement Fee | 10 |
| Science Laboratory | 9 |
| Special Examination | 10 |
| Transcript | 9 |
| Financial Arrangements | 10 |
| Financial Delinquency | 13 |
| Finance | 47 |
| Foreign Languages and Literature | 49 |
| General Education Courses | |
| English | 43-44 |
| Foreign Langauge and Literature | 48-49 |
| Philosophy | 66-67 |
| Religion | 72-73 |
| Geology | 50 |
| Grades | 18 |
| Grants | 11 |
| History | 50 |
| Honors | 20 |
| Humanities | 53 |
| Law | 55 |
| Library | 83 |
| Loans | 12 |
| Identification Cards | 18 |
| Insurance | 55 |
| Management | 56 |
| Map of Campus | 88 |
| Marketing | 59 |
| Mathematics | 60 |
| Military Science | 62 |
| Music | 63 |
| Nursing | 64 |
| Off-Campus Programs | 8 |
| Pass-Fail Option | 18 |
| Personnel and Labor Relations | 58 |
| Philosophy | 67 |
| Police Academy Training | 78 |
| Political Science | 68 |
| Probation | 14 |

| | |
|--|--------|
| Progress Chart | |
| Bachelor of Arts | 25 |
| Bachelor of Science | 27 |
| Business Administration | 31 |
| Nursing | 28 |
| Public Administration | 72 |
| Psychology | 70 |
| Refunds | 12 |
| Registration | 18 |
| Religion | 73 |
| Religious Activities | 81 |
| Requirements | |
| Associate Degree | 19, 22 |
| Bachelor Degree | 19 |
| Bachelor of Arts | 24 |
| Bachelor of Science | 26 |
| Business Administration | 29 |
| Nursing | 64 |
| Roster Plan | 18 |
| Sociology | 75 |
| Student Affairs | |
| Objectives of Program | 80 |
| Student Organizations | |
| Accounting Association | 81 |
| Alpha Sigma Lambda | 81 |
| Athletics | 83 |
| Black Students of La Salle | 82 |
| Cross Keys Fraternity | 82 |
| Marketing Association | 82 |
| Presidents' Council | 82 |
| Society of the Advancement of Management | 82 |
| Student Branch of the Institute of | |
| Electrical and Electronic Engineers | 82 |
| Student Congress | 82 |
| Student Publications | |
| Evening Collegian | 83 |
| Explorer | 83 |
| Textbook Store | 83 |
| Tuition | 9 |
| Withdrawal | 20 |

| | |
|---|----|
| ADMISSIONS OFFICE (DAY) | 8 |
| ART STUDIO | 29 |
| BENILDE HALL (FINANCIAL AID) | 8 |
| CAMPUS SECURITY—MAIN GATE | 6 |
| CHRISTIAN BROTHERS' RESIDENCE | 13 |
| COLLEGE HALL (BURSAR, COMPUTER CENTER, DEANS, REGISTRAR) | 12 |
| COLLEGE UNION (CAFETERIA, STUDENT ACTIVITIES) | 4 |
| HAYMAN HALL (ATHLETIC FACILITIES) | 28 |
| LIBRARIES: | |
| DAVID LAWRENCE MEMORIAL | 11 |
| WISTER HALL ANNEX | 5 |
| McCARTHY HALL (R.O.T.C.) | 1 |
| McSHAIN HALL (COUNSELING CENTER) | 10 |
| OLNEY HALL (MAIN CLASSROOMS) | 3 |
| ROLAND HOLROYD SCIENCE CENTER (CLASSROOMS, LABORATORIES) | 7 |
| STUDENT HOUSING: | |
| DISPENSARY | 24 |
| LOUNGE ALBERT/HILARY | 17 |
| LOUNGE BERNARD/DENIS | 26 |
| LOUNGE CASSIAN/JEROME | 20 |
| LOUNGE EDWARD/FRANCIS | 33 |
| RESIDENTS' MAILROOM | 22 |
| ST. ALBERT HALL | 18 |
| ST. BERNARD HALL | 25 |
| ST. CASSIAN HALL | 21 |
| ST. DENIS HALL | 27 |
| ST. EDWARD HALL | 34 |
| ST. FRANCIS HALL | 32 |
| ST. GEORGE HALL | 23 |
| ST. HILARY HALL | 16 |
| ST. JEROME HALL | 19 |
| TEXTBOOK STORE | 2 |
| URBAN STUDIES CENTER | 36 |
| WINDSOR HOUSE (ALUMNI AND DEVELOPMENT OFFICES) | 31 |
| WISTER HALL (CLASSROOMS, LIBRARY ANNEX) | 5 |



CLASSROOM BUILDING ABBREVIATIONS:

C = College Hall (12)

H = Holroyd Science Center (7)

O = Olney Hall (3)

W = Wister Hall (5)

AS1 = Art Studio (2105 Clarkson St., 30)

AS2 = Art Studio (2107 Clarkson St., 29)

CC = Counseling Center (McShain Hall, 10)

CAMPUS
MAP
**La Salle
College**

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La Salle College

BULLETIN (USPS 299-980)

EVENING DIVISION

LA SALLE COLLEGE

PHILADELPHIA, PA 19141

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